



# STIC Search Report

EIC 3600

STIC Database Tracking Number: 19073

**TO:** Naeem Haq  
**Location:** Knx 5C04  
**Art Unit :** 3625  
**Friday, May 26, 2006**  
**Case Serial Number:** 09/540148

**From:** Janice Burns  
**Location:** EIC 3600  
**Knox 4B71**  
**Phone:** 2-3518  
**Janice.Burns@uspto.gov**

## Search Notes

Dear Examiner

Please review the following results.

If you have any questions or need a refocused please feel to contact me.

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US Patent & Trademark Office  
Scientific & Technical Information Center  
Electronic Information Center 3600  
571-272-3518  
571-273-0046 (fax)  
[Janice.Burns@uspto.gov](mailto:Janice.Burns@uspto.gov)

Set	Items	Description
S1	39	AU=(FRY, P? OR FRY P? OR PETER(2N)FRY) OR BY=(PETER(2N)FRY)
S2	26	AU=(CHAUVIN, L? OR CHAUVIN L? OR LOU(2N)CHAUVIN) OR BY=(LO- U(2N)CHAUVIN)
S3	2	S1 AND S2

File 350:Derwent WPIX 1963-2006/UD,UM &UP=200633  
(c) 2006 Thomson Derwent

File 344:Chinese Patents Abs Jan 1985-2006/Jan  
(c) 2006 European Patent Office

File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
(c) 2006 JPO & JAPIO

File 348:EUROPEAN PATENTS 1978-2006/ 200620  
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060518,UT=20060511  
(c) 2006 WIPO/Univentio

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inventor  
search

3/5/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

014134239 \*\*Image available\*\*  
 WPI Acc No: 2001-618450/200172  
 XRPX Acc No: N01-461324

Digital image based goods Internet based manipulation and ordering method  
 where a low resolution image is uploaded to preview the goods and a high  
 resolution image uploaded after purchase

Patent Assignee: EASTMAN KODAK CO (EAST )

Inventor: CHAUVIN L A ; FRY P T

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1139256	A1	20011004	EP 2001201006	A	20010319	200172 B

Priority Applications (No Type Date): US 20000540148 A 20000331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1139256	A1	E	8	G06F-017/60	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
 LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1139256 A1

NOVELTY - A low resolution digital image is uploaded over the Internet to the sever. The image is manipulated to show the user previews of the goods that can be purchased then a high resolution image is uploaded to make the final product. The low resolution image can be no greater than 200 by 150 pixels and the high resolution image can be no smaller than 780 by 560 pixels.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a system for manipulating and ordering goods featuring images over The Internet.

USE - For Internet sites where goods such as gifts, image imprinted articles and enlargements based on digital images are sold.

ADVANTAGE - Goods are able to be ordered without having to wait for a high resolution image file to be uploaded to the server.

DESCRIPTION OF DRAWING(S) - The drawing is a schematic diagram of the system.

the system (10)  
 network (16)  
 image storage device (27)  
 pp; 8 DwgNo 1/2

Title Terms: DIGITAL; IMAGE; BASED; GOODS; BASED; MANIPULATE; ORDER; METHOD ; LOW; RESOLUTION; IMAGE; PREVIEW; GOODS; HIGH; RESOLUTION; IMAGE; AFTER; PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

3/5/2 (Item 1 from file: 348)  
 DIALOG(R)File 348:EUROPEAN PATENTS  
 (c) 2006 European Patent Office. All rts. reserv.

01335167

Method and system for ordering image related goods and services  
 Verfahren und System zur Bestellung von auf Bilder bezogen Gutern und Diensten

Methode et systeme de commande de biens et de services relativement a leur

**image****PATENT ASSIGNEE:**

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

**INVENTOR:**

**Fry, Peter** T., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

**Chauvin, Louis A.**, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

**LEGAL REPRESENTATIVE:**

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1139256 A1 011004 (Basic)

APPLICATION (CC, No, Date): EP 2001201006 010319;

PRIORITY (CC, No, Date): US 540148 000331

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

**ABSTRACT EP 1139256 A1**

A method and system for ordering digital image goods and/or services with respect to an image provided as a low resolution digital file and a low resolution digital image file. The method includes transmitting the low resolution digital image file to a server at a remote image service provider over a communication network, manipulating the image and/or ordering of goods and/or services with respect to the image, and transmitting of the high resolution digital image file.

ABSTRACT WORD COUNT: 77

**NOTE:**

Figure number on first page: 1

**LEGAL STATUS (Type, Pub Date, Kind, Text):**

Application: 011004 A1 Published application with search report

Examination: 020605 A1 Date of request for examination: 20020314

Change: 021204 A1 Legal representative(s) changed 20021011

Examination: 050420 A1 Date of dispatch of the first examination report: 20050304

Withdrawal: 051214 A1 Date of withdrawal of application: 20051021

LANGUAGE (Publication,Procedural,Application): English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	200140	496
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SPEC A	(English)	200140	2766
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Total word count - document A		3262	
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Total word count - document B		0	
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Total word count - documents A + B		3262	
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Set        Items        Description  
S1        39        AU=(FRY, P? OR FRY P? OR PETER(2N)FRY) OR BY=(PETER(2N)FRY)  
S2        26        AU=(CHAUVIN, L? OR CHAUVIN L? OR LOU(2N)CHAUVIN) OR BY=(LO-  
              U(2N)CHAUVIN)  
S3        2        S1 AND S2  
S4        63        S1 OR S2  
S5        26        S4 AND IC=(G06F-017/60 OR G06Q?)  
S6        26        IDPAT (sorted in duplicate/non-duplicate order)  
S7        9        IDPAT (primary/non-duplicate records only)  
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200633  
      (c) 2006 Thomson Derwent  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
      (c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2005/Dec(Updated 060404)  
      (c) 2006 JPO & JAPIO  
File 348:EUROPEAN PATENTS 1978-2006/ 200620  
      (c) 2006 European Patent Office  
File 349:PCT FULLTEXT 1979-2006/UB=20060518,UT=20060511  
      (c) 2006 WIPO/Univentio

7/5/1 (Item 1 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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016412226 \*\*Image available\*\*  
 WPI Acc No: 2004-570138/200455  
 XRPX Acc No: N04-450904

**Nominal mail processing e.g. mail sorting, scheduling method for use in postal service, involves determining any changes for processing schedule based upon simulated processing of mail articles using processing schedule**

Patent Assignee: LOCKHEED MARTIN CORP (LOCK )  
 Inventor: ACTON T G; AIGEN M L; FRY P R ; MUNGER C C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20040139036	A1	20040715	US 2003340297	A	20030110	200455 B

Priority Applications (No Type Date): US 2003340297 A 20030110

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20040139036	A1	12	G06F-017/60	

Abstract (Basic): US 20040139036 A1

**NOVELTY** - The method involves determining a processing schedule of available equipment and personnel for processing mail articles during a processing period. The processing of mail articles are simulated using the processing schedule that is determined for the arrival data which is projected to evaluate processing performance. Any changes for the processing schedule is determined based upon the simulating step.

**DETAILED DESCRIPTION** - An arrival data for mail articles is projected during a processing period. An INDEPENDENT CLAIM is also included for a system of scheduling the processing of mail.

**USE** - Used for scheduling processing of nominal mail (claimed) e.g. mail sorting in a postal service.

**ADVANTAGE** - The method determines the changes for processing schedule based upon the simulated processed mail articles, thereby improving the service level commitment or simply enhancing processing efficiency. The method easily schedules the mail processing and reduces the need for both equipment maintenance and skilled operators to run the equipment.

**DESCRIPTION OF DRAWING(S)** - The drawing shows a flow diagram of a nominal mail sorting process.

- Nominal mail processing scheme (10)
- Mail processing and distribution center (11)
- Collection mail (12)
- Bulk mail (14)
- Local delivery mail (16)
- pp; 12 DwgNo 1/6

Title Terms: NOMINAL; MAIL; PROCESS; MAIL; SORT; SCHEDULE; METHOD; POSTAL; SERVICE; DETERMINE; CHANGE; PROCESS; SCHEDULE; BASED; SIMULATE; PROCESS; MAIL; ARTICLE; PROCESS; SCHEDULE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

7/5/2 (Item 2 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

015768248     \*\*Image available\*\*  
 WPI Acc No: 2003-830450/200377  
 XRPX Acc No: N03-663550

**Image display method in interactive television, involves displaying image corresponding to live event along with purchasing invitation**  
 Patent Assignee: EASTMAN KODAK CO (EAST )  
 Inventor: FRY P T ; HARDINGHAM C; MCNULTY P  
 Number of Countries: 032 Number of Patents: 003  
 Patent Family:  
 Patent No     Kind     Date     Applicat No     Kind     Date     Week

US 20030167469	A1	20030904	US 2003373244	A	20030224	200377	B
JP 2003284042	A	20031003	JP 200350998	A	20030227	200377	
EP 1345141	A2	20030917	EP 200222676	A	20021010	200377	

Priority Applications (No Type Date): GB 20024923 A 20020302

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030167469	A1		8	G06F-017/60	
JP 2003284042	A		7	H04N-007/173	
EP 1345141	A2	E		G06F-017/60	

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

Abstract (Basic): US 20030167469 A1

NOVELTY - An image corresponding to the live event in a television program, is displayed for sale along with an invitation for the purchase of image in user's interactive television display.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) broadcasting method;
- (2) system for purchase of images; and
- (3) computer program code for displaying image for sales.

USE - For displaying images of live event such as sporting event e.g. football match in interactive television.

ADVANTAGE - Enables real-time sale of images generating revenue for the television company. Enables people to enjoy the events without actually attending the event.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic block diagram explaining the image display method.

pp; 8 DwgNo 1/3

Title Terms: IMAGE; DISPLAY; METHOD; INTERACT; TELEVISION; DISPLAY; IMAGE; CORRESPOND; LIVE; EVENT; PURCHASE

Derwent Class: T01; W02

International Patent Class (Main): G06F-017/60 ; H04N-007/173

International Patent Class (Additional): G06F-003/00; G06F-013/00;  
 H04N-005/445; H04N-007/16

File Segment: EPI

7/5/3     (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

015600562     \*\*Image available\*\*  
 WPI Acc No: 2003-662717/200362  
 XRPX Acc No: N03-528959

**Merchandise ordering method e.g. for sports equipment, involves displaying offerings based on business relationships between merchandise providers and business entities**  
 Patent Assignee: EASTMAN KODAK CO (EAST ); BUSSEY H E (BUSS-I); CHAUVIN L

(CHAU-I); FOSTER J A (FOST-I); GOTHAM P J (GOTH-I); PARULSKI K A (PARU-I); THOMPSON T G (THOM-I)

Inventor: BUSSEY H E; **CHAUVIN L**; FOSTER J A; GOTHAM P J; PARULSKI K A; THOMPSON T G

Number of Countries: 035 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20030139972	A1	20030724	US 200251342	A	20020118	200362	B
EP 1329834	A2	20030723	EP 200375026	A	20030106	200362	
CN 1432958	A	20030730	CN 2003102712	A	20030117	200365	
JP 2003242392	A	20030829	JP 200311352	A	20030120	200366	
IN 200201103	I3	20050128	IN 2002MU1103	A	20021210	200537	

Priority Applications (No Type Date): US 200251342 A 20020118

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030139972 A1 15 G06F-017/60

EP 1329834 A2 E  
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR  
JP 2003242392 A 11  
IN 200201103 I3 E G06F-000/00

Abstract (Basic): US 20030139972 A1

NOVELTY - The merchandise system (10) provides extensive offerings of merchandise from merchandise providers. The service manager (12) includes a directory for providing information describing the business relationships between business entities associated with each order terminal (4) and providers (60), based on which offerings are displayed.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) merchandise ordering facilitating system; and  
(2) computer storage product for merchandise ordering facilitating program.

USE - For allowing individuals to order merchandise such as clothing, furniture, tools and sports equipment over communication network.

ADVANTAGE - Catalog counters easily provide the latest information and process on merchandise from a variety of providers, while maintaining trustworthy relationship with their customers.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the merchandise ordering facilitating system.

service providing system (10)  
service manager (12)  
order terminal (40)  
providers (60)  
pp; 15 DwgNo 1/4

Title Terms: MERCANDISE; ORDER; METHOD; SPORTS; EQUIPMENT; DISPLAY; BASED; BUSINESS; RELATED; MERCANDISE; BUSINESS; ENTITY

Derwent Class: T01

International Patent Class (Main): G06F-000/00; **G06F-017/60**

File Segment: EPI

**7/5/4 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015357568 \*\*Image available\*\*

WPI Acc No: 2003-418506/200339

Related WPI Acc No: 2003-371373; 2003-380698; 2003-418503; 2004-764622  
 XRPX Acc No: N03-333903

**On-line digital photo service ordering method involves providing offer at order terminal based on business relationships associated with order terminal**

Patent Assignee: EASTMAN KODAK CO (EAST ); BUSSEY H E (BUSS-I); CHAUVIN L (CHAU-I); DOBBS C M (DOBB-I); FOSTER J A (FOST-I); GOTHAM P J (GOTH-I); PARULSKI K A (PARU-I); THOMPSON T G (THOM-I)

Inventor: BUSSEY H E; **CHAUVIN L**; COOK M S; DOBBS C M; FOSTER J A; GERSKOVICH P; GOTHAM P J; MCINTYRE D F; PARULSKI K A; THOMPSON T G

Number of Countries: 034 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030040983	A1	20030227	US 2001314135	P	20010822	200339 B
			US 2001939369	A	20010824	
			US 200251338	A	20020118	
CA 2391993	A1	20030224	CA 2391993	A	20020627	200339
EP 1288828	A1	20030305	EP 2002255539	A	20020807	200339
CN 1407494	A	20030402	CN 2002142034	A	20020823	200345
JP 2003187106	A	20030704	JP 2002241675	A	20020822	200353

Priority Applications (No Type Date): US 2001314135 P 20010822; US 2001939369 A 20010824; US 200251338 A 20020118

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030040983	A1	26	G06F-017/60	Provisional application US 2001314135	

CIP of application US 2001939369

CA 2391993	A1	E	H04L-012/16
EP 1288828	A1	E	G06F-017/60

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

CN 1407494	A	G06F-017/60
JP 2003187106	A	21 G06F-017/60

Abstract (Basic): US 20030040983 A1

NOVELTY - An information with respect to business relationships between photo service providers and several business entities, is maintained. An offer is provided at one or more order terminals based on the business relationships associated with the order terminals.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) digital photo service ordering facilitating system; and  
 (2) computer program for ordering digital photo services over communication network.

USE - For ordering digital images or image products over communication network.

ADVANTAGE - Enables encouraging photo service providers to establish various types of business relationships with business entities. Enables a customer to choose from wide range of photo products offered by numerous service providers. Enables a business entity associated with particular customer to ensure that preference is given to service providers with which they have established a preferred business relationship.

DESCRIPTION OF DRAWING(S) - The figure shows the digital photo service ordering system.

pp; 26 DwgNo 1/10

Title Terms: LINE; DIGITAL; PHOTO; SERVICE; ORDER; METHOD; OFFER; ORDER; TERMINAL; BASED; BUSINESS; RELATED; ASSOCIATE; ORDER; TERMINAL

Derwent Class: T01; T05; W01

International Patent Class (Main): **G06F-017/60** ; H04L-012/16

File Segment: EPI

7/5/5 (Item 5 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
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015357565 \*\*Image available\*\*  
 WPI Acc No: 2003-418503/200339  
 Related WPI Acc No: 2003-371373; 2003-380698; 2003-418506; 2004-764622  
 XRPX Acc No: N03-333900  
**Online digital photographic services providing method involves allowing user to select desired service provider based on user specified criteria**  
 Patent Assignee: EASTMAN KODAK CO (EAST ); BERARDUCCI T N (BERA-I); BUSSEY H E (BUSS-I); CHAUVIN L (CHAU-I); COOK M S (COOK-I); DOBBS C M (DOBB-I); GERSKOVICH P (GERS-I); MCINTYRE D F (MCIN-I)  
 Inventor: BERARDUCCI T N; BUSSEY H E; **CHAUVIN L**; COOK M S; DOBBS C M; GERSKOVICH P; MCINTYRE D F

Number of Countries: 034 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030040974	A1	20030227	US 2001314135	P	20010822	200339 B
			US 2001944549	A	20010831	
CA 2391921	A1	20030224	CA 2391921	A	20020627	200339
EP 1288827	A1	20030305	EP 2002255538	A	20020807	200339
CN 1407496	A	20030402	CN 2002142039	A	20020823	200345
JP 2003178134	A	20030627	JP 2002242135	A	20020822	200351

Priority Applications (No Type Date): US 2001314135 P 20010822; US 2001944549 A 20010831; US 2001939369 A 20010824

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030040974	A1	19	G06F-017/60	Provisional application US 2001314135	

CA 2391921 A1 E H04L-012/16  
 EP 1288827 A1 E G06F-017/60

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

CN 1407496 A G06F-017/60  
 JP 2003178134 A 14 G06F-017/60

Abstract (Basic): US 20030040974 A1

NOVELTY - A requester is automatically provided with a list of different service providers based on user specified criteria from which the requester selects a service provider. A request for a desired service is provided to the selected service provider, and the selected service provider provides the desired services.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) online imaging services providing system;
- (2) online imaging services providing computer program product; and
- (3) digital photography service requester and service provider linking method.

USE - Used in online digital imaging services.

ADVANTAGE - Allows customers to choose a preferred photographic service provider across the global network.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of online imaging services providing system.

pp; 19 DwgNo 1/4

Title Terms: DIGITAL; PHOTOGRAPH; SERVICE; METHOD; ALLOW; USER; SELECT; SERVICE; BASED; USER; SPECIFIED; CRITERIA

Derwent Class: T01; T05  
 International Patent Class (Main): **G06F-017/60** ; H04L-012/16  
 File Segment: EPI

**7/5/6 (Item 6 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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015319763 \*\*Image available\*\*  
 WPI Acc No: 2003-380698/200336  
 Related WPI Acc No: 2003-371373; 2003-418503; 2003-418506; 2004-764622  
 XRPX Acc No: N03-304086

**Online digital photo services ordering method involves providing offering at order terminal, based on business relationship between business entity associated with order terminal and digital storage device provider**

Patent Assignee: EASTMAN KODAK CO (EAST ); BUSSEY H E (BUSS-I); CHAUVIN L (CHAU-I); DOBBS C M (DOBB-I); FOSTER J A (FOST-I); GOTHAM P J (GOTH-I); PARULSKI K A (PARU-I); THOMPSON T G (THOM-I)

Inventor: BUSSEY H E; **CHAUVIN L** ; COOK M S; DOBBS C M; FOSTER J A; GERSKOVICH P; GOTHAM P J; MCINTYRE D F; PARULSKI K A; THOMPSON T G

Number of Countries: 034 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030038882	A1	20030227	US 2001314135	P	20010822	200336 B
			US 2001939369	A	20010824	
			US 200251340	A	20020118	
CA 2391930	A1	20030224	CA 2391930	A	20020627	200336
EP 1288826	A1	20030305	EP 2002255510	A	20020807	200336
CN 1407495	A	20030402	CN 2002142036	A	20020823	200345
JP 2003187107	A	20030704	JP 2002241756	A	20020822	200353

Priority Applications (No Type Date): US 2001314135 P 20010822; US 2001939369 A 20010824; US 200251340 A 20020118

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030038882	A1	26		H04N-005/225	Provisional application US 2001314135

CIP of application US 2001939369

CA 2391930	A1	E	H04L-012/16
EP 1288826	A1	E	G06F-017/60
Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB			
GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR			
CN 1407495	A		G06F-017/60
JP 2003187107	A	21	G06F-017/60

Abstract (Basic): US 20030038882 A1

NOVELTY - The information with respect to business relationship between several digital storage device provider and business entities, is maintained. A digital storage device is provided at one of several order terminals. An offering is provided at an order terminal, based on business relationship between the business entity associated with the order terminal and the digital device provider associated with the storage device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) digital photo services ordering system; and
- (2) digital photo services ordering program.

USE - For ordering digital photo services over a communication network.

ADVANTAGE - Allows individuals and/or business person to order

goods and/or services over a communication network from different provider. Enables service requester to quickly retrieve different photo service providers without being restricted to a single brand or type provider. Allows a member service provider to offer their customers the goods and/or service of other member providers with which they have established a co-operative business relationship, while blocking access to member providers having a hostile relationship with that individual service provider.

DESCRIPTION OF DRAWING(S) - The figure shows generalized diagram of digital photo services ordering system.

pp; 26 DwgNo 1/10

Title Terms: DIGITAL; PHOTO; SERVICE; ORDER; METHOD; OFFER; ORDER; TERMINAL; BASED; BUSINESS; RELATED; BUSINESS; ENTITY; ASSOCIATE; ORDER; TERMINAL; DIGITAL; STORAGE; DEVICE

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60** ; H04L-012/16; H04N-005/225

International Patent Class (Additional): G06F-015/16

File Segment: EPI

**7/5/7 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015310439 \*\*Image available\*\*

WPI Acc No: 2003-371373/200335

Related WPI Acc No: 2003-380698; 2003-418503; 2003-418506; 2004-764622

XRPX Acc No: N03-296231

**Digital photo services ordering method used over communication network, involves providing offering at order terminal based on business relationship associated with digital storage device**

Patent Assignee: EASTMAN KODAK CO (EAST ); BUSSEY H E (BUSS-I); CHAUVIN L (CHAU-I); DOBBS C M (DOBB-I); FOSTER J A (FOST-I); GOTHAM P J (GOTH-I); PARULSKI K A (PARU-I); THOMPSON T G (THOM-I)

Inventor: BUSSEY H E; **CHAUVIN L**; COOK M S; DOBBS C M; GERSKOVICH P; MCINTYRE D F; FOSTER J A; GOTHAM P J; PARULSKI K A; THOMPSON T G

Number of Countries: 034 Number of Patents: 015

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030038881	A1	20030227	US 2001314135	P	20010822	200335 B
			US 2001939369	A	20010824	
			US 200250979	A	20020118	
CA 2392689	A1	20030224	CA 2392689	A	20020708	200335
CA 2392824	A1	20030224	CA 2392824	A	20020708	200335
EP 1288825	A1	20030305	EP 2002255509	A	20020807	200335
EP 1310894	A1	20030514	EP 2002255537	A	20020807	200339
JP 2003141384	A	20030516	JP 2002241919	A	20020822	200341
CN 1407494	A	20030402	CN 2002142034	A	20020823	200345
CN 1407495	A	20030402	CN 2002142036	A	20020823	200345
CN 1407496	A	20030402	CN 2002142039	A	20020823	200345
CN 1407497	A	20030402	CN 2002142046	A	20020823	200345
CN 1407498	A	20030402	CN 2002142051	A	20020823	200345
JP 2003178134	A	20030627	JP 2002242135	A	20020822	200351
JP 2003178207	A	20030627	JP 2002241781	A	20020822	200351
JP 2003187106	A	20030704	JP 2002241675	A	20020822	200353
JP 2003187107	A	20030704	JP 2002241756	A	20020822	200353

Priority Applications (No Type Date): US 2001314135 P 20010822; US 2001939369 A 20010824; US 200250979 A 20020118; US 200251338 A 20020118; US 200251340 A 20020118; US 2001944549 A 20010831

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 US 20030038881 A1 26 H04N-005/225 Provisional application US 2001314135

CIP of application US 2001939369

CA 2392689 A1 E H04L-012/16  
 CA 2392824 A1 E G06F-017/60  
 EP 1288825 A1 E G06F-017/60

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

EP 1310894 A1 E G06F-017/60

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB  
 GR IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

JP 2003141384 A 10 G06F-017/60

CN 1407494 A G06F-017/60

CN 1407495 A G06F-017/60

CN 1407496 A G06F-017/60

CN 1407497 A G06F-017/60

CN 1407498 A G06F-017/60

JP 2003178134 A 14 G06F-017/60

JP 2003178207 A 21 G06F-017/60

JP 2003187106 A 21 G06F-017/60

JP 2003187107 A 21 G06F-017/60

Abstract (Basic): US 20030038881 A1

NOVELTY - The information with respect to business relationships between photo service providers and several business entities, is maintained. An offering is provided at an order terminal based on the business relationship associated with the digital storage device.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) digital photo services ordering system; and
- (2) digital photo services ordering program.

USE - For ordering digital photo services over communication network.

ADVANTAGE - Provides extensive offerings of image products and services from several different photographic service providers. Allows an individual service provider to concentrate on providing the goods and/or services for which they have core competencies. Permits the providers to offer services to a potential broader range of customers. Enables various members to easily exchange or provide information to other members and/or users, by using standards and protocols followed by the members for transmission of images and orders over communication network.

DESCRIPTION OF DRAWING(S) - The figure shows the generalized digital photo services ordering system.

pp: 26 DwgNo 1/10

Title Terms: DIGITAL; PHOTO; SERVICE; ORDER; METHOD; COMMUNICATE; NETWORK; OFFER; ORDER; TERMINAL; BASED; BUSINESS; RELATED; ASSOCIATE; DIGITAL; STORAGE; DEVICE

Derwent Class: T01; T05; W01

International Patent Class (Main): G06F-017/60 ; H04L-012/16; H04N-005/225

International Patent Class (Additional): G06F-015/16

File Segment: EPI

7/5/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014606114 \*\*Image available\*\*

WPI Acc No: 2002-426818/200245

Related WPI Acc No: 2006-108145

XRPX Acc No: N02-335620

**Internet transaction decision apparatus reports suspicious activity using alert reports and intra-day fraud screening to initiate transaction reversals process**

Patent Assignee: WELLS FARGO BANK NA (WELL-N)

Inventor: BANAUGH M; **FRY P J**; POTTER D; WOOD G L

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200237370	A1	20020510	WO 2001US31830	A	20011012	200245 B
AU 200196816	A	20020515	AU 200196816	A	20011012	200258
EP 1340173	A1	20030903	EP 2001977720	A	20011012	200365
			WO 2001US31830	A	20011012	

Priority Applications (No Type Date): US 2000703357 A 20001031

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200237370	A1	E	45	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CY CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200196816 A Based on patent WO 200237370

EP 1340173 A1 E G06F-017/60 Based on patent WO 200237370

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200237370 A1

**NOVELTY** - Apparatus transfers funds between sellers or buyers electronically, authenticates the parties by proprietary 5 second online decision, handles exceptions between them by chargeback item processing, reconciles the funds, interfaces with the customer web page, reports suspicious activity by any of the parties to the customer, determines and indicates shipment approval, and provides a risk-determined decision solution to the merchant clearing him to transact with the parties. Online messaging is by a message unit architecture and interfacing with the web page is by batch processing architecture.

**DETAILED DESCRIPTION** - There is an INDEPENDENT CLAIM for a method of providing a decision solution for a customer

**USE** - Apparatus is for providing an integrated decision solution for merchants accepting Internet transactions with electronic payment processing e.g. credit card gateways.

**ADVANTAGE** - Apparatus provides for electronic transfer of funds, authentication of parties, exception handling, funds reconciliation, seamless integration with the merchant web page, reporting of suspicious activity, approval for shipment of goods and services and a decision for the merchant to transact with the buyer based on the risk determined for the buyer.

**DESCRIPTION OF DRAWING(S)** - The figure shows an Internet transaction decision apparatus.

pp; 45 DwgNo 1/1

Title Terms: TRANSACTION; DECIDE; APPARATUS; REPORT; ACTIVE; ALERT; REPORT; INTRA; DAY; FRAUD; SCREEN; INITIATE; TRANSACTION; REVERSE; PROCESS

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

7/5/9 (Item 9 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014134239 \*\*Image available\*\*  
WPI Acc No: 2001-618450/200172  
XRPX Acc No: N01-461324

**Digital image based goods Internet based manipulation and ordering method  
where a low resolution image is uploaded to preview the goods and a high  
resolution image uploaded after purchase**

Patent Assignee: EASTMAN KODAK CO (EAST )

Inventor: CHAUVIN L A ; FRY P T

Number of Countries: 026 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1139256	A1	20011004	EP 2001201006	A	20010319	200172 B

Priority Applications (No Type Date): US 20000540148 A 20000331

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1139256	A1	E	8	G06F-017/60	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1139256 A1

NOVELTY - A low resolution digital image is uploaded over the Internet to the sever. The image is manipulated to show the user previews of the goods that can be purchased then a high resolution image is uploaded to make the final product. The low resolution image can be no greater than 200 by 150 pixels and the high resolution image can be no smaller than 780 by 560 pixels.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a system for manipulating and ordering goods featuring images over The Internet.  
USE - For Internet sites where goods such as gifts, image imprinted articles and enlargements based on digital images are sold.

ADVANTAGE - Goods are able to be ordered without having to wait for a high resolution image file to be uploaded to the server.

DESCRIPTION OF DRAWING(S) - The drawing is a schematic diagram of the system.

the system (10)  
network (16)  
image storage device (27)  
pp; 8 DwgNo 1/2

Title Terms: DIGITAL; IMAGE; BASED; GOODS; BASED; MANIPULATE; ORDER; METHOD ; LOW; RESOLUTION; IMAGE; PREVIEW; GOODS; HIGH; RESOLUTION; IMAGE; AFTER; PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

Set        Items        Description  
S1        196        AU=(FRY, P? OR FRY P? OR PETER(2N)FRY) OR BY=(PETER(2N)FRY)  
S2        134        AU=(CHAUVIN, L? OR CHAUVIN L? OR LOU(2N)CHAUVIN) OR BY=(LO-  
              U(2N)CHAUVIN)  
S3        0        S1 AND S2  
S4        330        S1 OR S2  
S5        0        S4 AND (PHOTOFINISH? OR PHOTO()SHARING OR (PHOTOSERVICE OR  
              PHOTO()SERVICE)()PROVIDER?)  
S6        0        S4 AND KODAK  
File      2:INSPEC 1898-2006/May W2  
              (c) 2006 Institution of Electrical Engineers  
File      35:Dissertation Abs Online 1861-2006/May  
              (c) 2006 ProQuest Info&Learning  
File      65:Inside Conferences 1993-2006/May 26  
              (c) 2006 BLDSC all rts. reserv.  
File      99:Wilson Appl. Sci & Tech Abs 1983-2006/Apr  
              (c) 2006 The HW Wilson Co.  
File      474:New York Times Abs 1969-2006/May 25  
              (c) 2006 The New York Times  
File      475:Wall Street Journal Abs 1973-2006/May 25  
              (c) 2006 The New York Times  
File      583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
              (c) 2002 The Gale Group  
File      15:ABI/Inform(R) 1971-2006/May 26  
              (c) 2006 ProQuest Info&Learning  
File      20:Dialog Global Reporter 1997-2006/May 26  
              (c) 2006 Dialog  
File      610:Business Wire 1999-2006/May 26  
              (c) 2006 Business Wire.  
File      810:Business Wire 1986-1999/Feb 28  
              (c) 1999 Business Wire  
File      476:Financial Times Fulltext 1982-2006/May 27  
              (c) 2006 Financial Times Ltd  
File      613:PR Newswire 1999-2006/May 26  
              (c) 2006 PR Newswire Association Inc  
File      813:PR Newswire 1987-1999/Apr 30  
              (c) 1999 PR Newswire Association Inc  
File      634:San Jose Mercury Jun 1985-2006/May 25  
              (c) 2006 San Jose Mercury News  
File      624:McGraw-Hill Publications 1985-2006/May 26  
              (c) 2006 McGraw-Hill Co. Inc  
File      9:Business & Industry(R) Jul/1994-2006/May 25  
              (c) 2006 The Gale Group  
File      275:Gale Group Computer DB(TM) 1983-2006/May 25  
              (c) 2006 The Gale Group  
File      621:Gale Group New Prod.Annou.(R) 1985-2006/May 26  
              (c) 2006 The Gale Group  
File      636:Gale Group Newsletter DB(TM) 1987-2006/May 25  
              (c) 2006 The Gale Group  
File      16:Gale Group PROMT(R) 1990-2006/May 26  
              (c) 2006 The Gale Group  
File      160:Gale Group PROMT(R) 1972-1989  
              (c) 1999 The Gale Group  
File      148:Gale Group Trade & Industry DB 1976-2006/May 26  
              (c) 2006 The Gale Group  
File      256:TecInfoSource 82-2006/Jun  
              (c) 2006 Info.Sources Inc  
File      47:Gale Group Magazine DB(TM) 1959-2006/May 26  
              (c) 2006 The Gale group  
File      570:Gale Group MARS(R) 1984-2006/May 25  
              (c) 2006 The Gale Group

File 635:Business Dateline(R) 1985-2006/May 26  
(c) 2006 ProQuest Info&Learning  
File 477:Irish Times 1999-2006/May 26  
(c) 2006 Irish Times  
File 710:Times/Sun.Times(London) Jun 1988-2006/May 26  
(c) 2006 Times Newspapers  
File 711:Independent(London) Sep 1988-2006/May 25  
(c) 2006 Newspaper Publ. PLC  
File 756:Daily/Sunday Telegraph 2000-2006/May 26  
(c) 2006 Telegraph Group  
File 757:Mirror Publications/Independent Newspapers 2000-2006/May 25  
(c) 2006  
File 387:The Denver Post 1994-2006/May 25  
(c) 2006 Denver Post  
File 471:New York Times Fulltext 1980-2006/May 26  
(c) 2006 The New York Times  
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
(c) 2002 Phoenix Newspapers  
File 494:St LouisPost-Dispatch 1988-2006/May 25  
(c) 2006 St Louis Post-Dispatch  
File 631:Boston Globe 1980-2006/May 25  
(c) 2006 Boston Globe  
File 633:Phil.Inquirer 1983-2006/May 24  
(c) 2006 Philadelphia Newspapers Inc  
File 638:Newsday/New York Newsday 1987-2006/May 25  
(c) 2006 Newsday Inc.  
File 640:San Francisco Chronicle 1988-2006/May 26  
(c) 2006 Chronicle Publ. Co.  
File 641:Rocky Mountain News Jun 1989-2006/May 26  
(c) 2006 Scripps Howard News  
File 702:Miami Herald 1983-2006/May 24  
(c) 2006 The Miami Herald Publishing Co.  
File 703:USA Today 1989-2006/May 25  
(c) 2006 USA Today  
File 704:(Portland)The Oregonian 1989-2006/May 25  
(c) 2006 The Oregonian  
File 713:Atlanta J/Const. 1989-2006/May 26  
(c) 2006 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2006/May 25  
(c) 2006 Baltimore Sun  
File 715:Christian Sci.Mon. 1989-2006/May 25  
(c) 2006 Christian Science Monitor  
File 725:(Cleveland)Plain Dealer Aug 1991-2006/May 25  
(c) 2006 The Plain Dealer  
File 735:St. Petersburg Times 1989- 2006/May 25  
(c) 2006 St. Petersburg Times

Set        Items        Description  
S1        1896971        IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
                          OR JPG OR JPEG  
S2        2612775        TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
                          WNLOAD? OR COPY???  
S3        691540        (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
                          OR LESS OR 320 OR 240 OR 200 OR 150) (1N) (PIXEL? OR MEGAPIXEL?)  
S4        639378        MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
                          ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
S5        54268        (HIGH OR HIGHER) () (RES OR RESOLUTION) OR (1600 OR 1200) () (-  
                          PIXEL? OR MEGAPIXEL?)  
S6        46213        S3 (S) S1  
S7        14646        S2 AND S6  
S8        722        S7 AND S4  
S9        26581        S5 (S) S1  
S10      58        S8 AND S9  
S11      2        S10 AND IC=(G06F-017/60 OR G06Q?)  
S12      7        S10 AND IC=(G06F-017? OR G06Q?)  
File 350:Derwent WPIX 1963-2006/UD,UM &UP=200633  
                          (c) 2006 Thomson Derwent  
File 344:Chinese Patents Abs Jan 1985-2006/Jan  
                          (c) 2006 European Patent Office  
File 347:JAPIO Dec 1976-2005/Dec (Updated 060404)  
                          (c) 2006 JPO & JAPIO

*Patent search*

12/5/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015710196 \*\*Image available\*\*

WPI Acc No: 2003-772396/200373

XRPX Acc No: N03-618870

**Image processing server transmits printing control information to printers connected with clients and prints edited stored image information**

Patent Assignee: SEIKO EPSON CORP (SHIH )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003244387	A	20030829	JP 200243980	A	20020220	200373 B

Priority Applications (No Type Date): JP 200243980 A 20020220

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2003244387	A	20	H04N-001/00		

Abstract (Basic): JP 2003244387 A

**NOVELTY** - Clients' memories store printing **image** information with **higher resolution** and identification information for identifying the predetermined printing information. **Compressed** printing **images** are **transmitted** to server (2) which **transmits** printing control information to the printers connected with clients (3-1 - 3-n). The stored **image** information **edited** based on control information, is printed.

**DETAILED DESCRIPTION** - INDEPENDENT CLAIMS are also included for the following:

- (1) client;
- (2) image information management method; and
- (3) image information management program.

**USE** - For **editing** information such as poster using image processing server.

**ADVANTAGE** - Provides user with the **edited** image easily and efficiently by simple operation.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram of the image processing system. (Drawing includes non-English language text).

server (2)  
satellite (4)  
clients (3-1 - 3-n)  
pp; 20 DwgNo 1/17

Title Terms: IMAGE; PROCESS; SERVE; **TRANSMIT** ; PRINT; CONTROL; INFORMATION ; PRINT; CONNECT; CLIENT; PRINT; **EDIT** ; STORAGE; IMAGE; INFORMATION

Derwent Class: P75; S06; T01; T04; W02

International Patent Class (Main): H04N-001/00

International Patent Class (Additional): B41J-029/38; G06F-003/12; **G06F-017/21** ; G06T-011/60; H04N-001/387

File Segment: EPI; EngPI

12/5/2 (Item 2 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014958628 \*\*Image available\*\*

WPI Acc No: 2003-019142/200301

XRPX Acc No: N03-014664

**High resolution electronic image management system for storage and transmission through communications network, comprising saving image modification instructions as script files adapted to convert image files and transmit as streaming data**

Patent Assignee: PROLATUS INC (PROL-N)

Inventor: ATKINSON D; HOEKSTRA J D; RYWELSKI C

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200282415	A1	20021017	WO 2002US4457	A	20020215	200301 B
AU 2002245439	A1	20021021	AU 2002245439	A	20020215	200433

Priority Applications (No Type Date): US 2001282637 P 20010409

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200282415	A1	E	58	G09G-001/06	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

AU 2002245439 A1 G09G-001/06 Based on patent WO 200282415

Abstract (Basic): WO 200282415 A1

**NOVELTY** - A method of managing electronic **images** comprising the steps of **compressing**, storing and **transferring** as streaming data at least a portion of a **high resolution** digital master **image** file from the first location to a second location that comprises a workstation.

**DETAILED DESCRIPTION** - At the second location the file is decompressed and at least one image modification is performed on at least a portion of the image file and saving instructions representing the image modifications as a supplemental script file. One or more of the script files are adapted to convert the image file from one color space to another color space, to apply edge definition, to perform pixel level **editing** and to alter one or more colors on at least a portion of the **high resolution** digital master **image** file.

AN INDEPENDENT CLAIM is also included for an electronic image management system.

**USE** - Electronic image management system for storage and transmission of **high resolution images** through a communication network such as the Internet for business applications including advertising, desk top publishing, news print applications, corporate reports and printing etc.

**ADVANTAGE** - Minimizes the transmission resource requirements of the high resolution digital master **image** files across a communications system/network. Additionally, multiple versions of these **image** files can be stored and **transmitted** to locations as script files thus conserving disk storage space and providing the benefit of only requiring a single **copy** of the **high resolution** digital master **image** files to be **sent**. Also **compression** and decompression of the **image** files can be implemented before application of the scripts.

pp; 58 DwgNo 14/14

Title Terms: HIGH; RESOLUTION; ELECTRONIC; IMAGE; MANAGEMENT; SYSTEM; STORAGE; TRANSMISSION; THROUGH; COMMUNICATE; NETWORK; COMPRISE; SAVE; IMAGE; MODIFIED; INSTRUCTION; SCRIPT; FILE; ADAPT; CONVERT; IMAGE; FILE; TRANSMIT ; STREAM; DATA

Derwent Class: P85; T01; T04; W02  
 International Patent Class (Main): G09G-001/06  
 International Patent Class (Additional): G06F-003/00; **G06F-017/60** ;  
 G06K-009/03; G06K-015/00; H04N-001/32; H04N-001/40; H04N-005/87  
 File Segment: EPI; EngPI

**12/5/3 (Item 3 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

014768848 \*\*Image available\*\*  
 WPI Acc No: 2002-589552/200263

XRPX Acc No: N02-467801

**Real-time multimedia streams transmission-visualization in advertising and sales field, involves applying combination of filters to compiled external files containing video sequence fractions, to set color-sound parameters**

Patent Assignee: KROLOVETZKY M H (KROL-I)

Inventor: KROLOVETZKY M H

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020073221	A1	20020613	US 20014570	A	20011204	200263 B
EP 1239677	A2	20020911	EP 2001129100	A	20011207	200267

Priority Applications (No Type Date): AR 106605 A 20001213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20020073221	A1	11		G06F-017/00	
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EP 1239677	A2	E		H04N-007/24	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
 LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): US 20020073221 A1

NOVELTY - Fractions of a video sequence **edited** with high resolution are exported to an external file. A collection of external files are compiled from an **image** management and treatment program and are submitted to a processing cycle using a video component **compressor**. A filter combination is applied to the external files to set parameters for color and sounds in a homogeneous sequence. The **compressed** combination of external files are complemented with instructions for control and execution in a server.

USE - For transmission and visualization of multimedia streams such as audio and video streams in computer network such as local area network (LAN), wide area network (WAN) and Internet in the field of advertising, product sales, virtual cities or community purposes in real-time.

ADVANTAGE - Does not require any plug-in programs to be **downloaded** for proper viewing of the Internet sites presenting audio and video stream transmissions, therefore provides better data **transference** in real-time of the images that is destined to generate virtual worlds in network.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a computer implementing the multimedia stream transmission and visualization method.

pp; 11 DwgNo 1/7

Title Terms: REAL; TIME; STREAM; TRANSMISSION; ADVERTISE; SALE; FIELD; APPLY; COMBINATION; FILTER; COMPILE; EXTERNAL; FILE; CONTAIN; VIDEO; SEQUENCE; FRACTION; SET; COLOUR; SOUND; PARAMETER

Derwent Class: T01  
 International Patent Class (Main): **G06F-017/00** ; H04N-007/24  
 International Patent Class (Additional): G06F-015/16; H04N-007/52  
 File Segment: EPI

**12/5/4 (Item 4 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
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014631936 \*\*Image available\*\*  
 WPI Acc No: 2002-452640/200248  
**Method for manufacturing printed matter using computer communication network**  
 Patent Assignee: CREIN IT (CREI-N); CREIN IT JH (CREI-N)  
 Inventor: PARK D I  
 Number of Countries: 001 Number of Patents: 002  
 Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002003699	A	20020115	KR 200035671	A	20000627	200248 B
KR 368693	B	20030129	KR 200035671	A	20000627	200340

Priority Applications (No Type Date): KR 200035671 A 20000627

Patent Details:  

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002003699	A	1		G06F-017/00	
KR 368693	B			G06F-017/00	Previous Publ. patent KR 2002003699

Abstract (Basic): KR 2002003699 A  
**NOVELTY** - A method for manufacturing a printed matter using a computer communication network is provided to manufacture a printed matter rapidly and economically by **transmitting** image data for manufacturing a printed matter using a computer communication network.  
**DETAILED DESCRIPTION** - If a printed matter manufacturing request is existed from a client who wishes to manufacture a printed matter(S310), an **editing** system requests image data for an **editing** to a data supplying server(S320). The data supplying server receiving a data **transmitting** request for an **editing** **transmits** **low resolution** image data for an **editing** to the **editing** system(S330). The **editing** system **edits** a printed matter using the received **low resolution** **image** data(S340). If an **editing** of the printed matter is completed, the **editing** system **transmits** the printed matter **edited** using the **low resolution** **image** data to an output system(S350). A transmission of **high resolution** data for an output is requested to the data supplying server(S360). The data supplying server **transmits** the requested **high resolution** **image** data to the output system directly not through the **editing** system(S370). The output system completes an output data by inserting the **high resolution** **image** data into an **edited** printed matter data received from the **editing** system(S380), and outputs the completed output data(S390).

pp; 1 DwgNo 1/10  
 Title Terms: METHOD; MANUFACTURE; PRINT; MATTER; COMPUTER; COMMUNICATE;  
 NETWORK  
 Derwent Class: T01  
 International Patent Class (Main): **G06F-017/00**  
 File Segment: EPI

**12/5/5 (Item 5 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
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014134239 \*\*Image available\*\*  
 WPI Acc No: 2001-618450/200172  
 XRPX Acc No: N01-461324

**Digital image based goods Internet based manipulation and ordering method where a low resolution image is uploaded to preview the goods and a high resolution image uploaded after purchase**  
 Patent Assignee: EASTMAN KODAK CO (EAST )  
 Inventor: CHAUVIN L A; FRY P T  
 Number of Countries: 026 Number of Patents: 001  
 Patent Family:  
 Patent No Kind Date Applicat No Kind Date Week  
 EP 1139256 A1 20011004 EP 2001201006 A 20010319 200172 B

Priority Applications (No Type Date): US 2000540148 A 20000331

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 EP 1139256 A1 E 8 G06F-017/60

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
 LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): EP 1139256 A1

NOVELTY - A low resolution digital image is uploaded over the Internet to the sever. The image is manipulated to show the user previews of the goods that can be purchased then a high resolution image is uploaded to make the final product. The low resolution image can be no greater than 200 by 150 pixels and the high resolution image can be no smaller than 780 by 560 pixels.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is made for a system for manipulating and ordering goods featuring images over The Internet.

USE - For Internet sites where goods such as gifts, image imprinted articles and enlargements based on digital images are sold.

ADVANTAGE - Goods are able to be ordered without having to wait for a high resolution image file to be uploaded to the server.

DESCRIPTION OF DRAWING(S) - The drawing is a schematic diagram of the system.

the system (10)  
 network (16)  
 image storage device (27)  
 pp; 8 DwgNo 1/2

Title Terms: DIGITAL; IMAGE; BASED; GOODS; BASED; MANIPULATE ; ORDER; METHOD; LOW; RESOLUTION; IMAGE; PREVIEW; GOODS; HIGH; RESOLUTION; IMAGE; AFTER; PURCHASE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

12/5/6 (Item 6 from file: 350)  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2006 Thomson Derwent. All rts. reserv.

008962933 \*\*Image available\*\*  
 WPI Acc No: 1992-090202/199212  
 Related WPI Acc No: 1992-073811; 1992-073812  
 XRPX Acc No: N92-067748

Full colour desktop publishing system for computer graphics - has

**graphics created in bands across page image stored in DRAM, with high resolution display and laser copier**

Patent Assignee: CANON INFORMATION SYSTEMS RES AUSTRALIA (CANO ); CANON KK (CANO ); CANON INFORM SYST RES AU (CANO-N)

Inventor: SILVERBROOK K

Number of Countries: 007 Number of Patents: 016

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 475601	A	19920318	EP 91307565	A	19910815	199212 B
AU 640808	B	19930902	AU 9181782	A	19910812	199342
AU 640809	B	19930902	AU 9181783	A	19910812	199342
EP 475601	A3	19930224	EP 91307565	A	19910815	199348
AU 643053	B	19931104	AU 9181779	A	19910812	199351
US 5329616	A	19940712	US 91744703	A	19910813	199427
JP 6243243	A	19940902	JP 91206054	A	19910816	199440
JP 6261202	A	19940916	JP 91206050	A	19910816	199442
EP 475601	B1	19971029	EP 91307565	A	19910815	199748
DE 69128063	E	19971204	DE 91628063	A	19910815	199803
			EP 91307565	A	19910815	
US 5801716	A	19980901	US 91744540	A	19910813	199842
EP 473340	B1	19990623	EP 91307563	A	19910815	199929
US 6020894	A	20000201	US 91744522	A	19910813	200013
JP 3166977	B2	20010514	JP 91206054	A	19910816	200129
JP 3255943	B2	20020212	JP 91206050	A	19910816	200213
US 7012620	B1	20060314	US 91744522	A	19910813	200620
			US 99369281	A	19990806	

Priority Applications (No Type Date): AU 903418 A 19901119; AU 901784 A 19900816; AU 901785 A 19900816

Cited Patents: No-SR.Pub; 1.Jnl.Ref; DE 3735349; US 4568983

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 475601	A	56			
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Designated States (Regional): DE FR GB IT

AU 640808	B	G06F-015/20	Previous Publ. patent AU 9181782
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AU 640809	B	G06F-015/62	Previous Publ. patent AU 9181783
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AU 643053	B	G06F-015/66	Previous Publ. patent AU 9181779
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US 5329616	A	20	G06F-015/62
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JP 6243243	A	17	G06F-015/66
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JP 6261202	A	44	H04N-001/387
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EP 475601	B1	E	17 G06T-011/60
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Designated States (Regional): DE FR GB IT

DE 69128063	E	G06T-011/60	Based on patent EP 475601
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US 5801716	A	G06F-015/00	
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EP 473340	B1	E	G06T-009/00
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Designated States (Regional): DE FR GB IT

US 6020894	A	G06F-015/00	
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JP 3166977	B2	16	G06T-001/20	Previous Publ. patent JP 6243243
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JP 3255943	B2	44	H04N-001/387	Previous Publ. patent JP 6261202
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US 7012620	B1	G06F-015/00	Div ex application US 91744522
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			Div ex patent US 6020894
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Abstract (Basic): EP 475601 A

The DTP system (100) includes a general purpose computer system (200) and a full colour high resolution graphics system (300). A colour laser copier (150) provides the periferal unit. Other periferals can be a scanner (152) and a printer (154) with a workscreen display (140) and user inputs such as digitiser (110) and keyboard (112).

The system generates graphics **images** in bands across a page **image** with the **images** stored in DRAM (420). These are as **compressed images** using ADCT **compression** and the **JPEG** standard.

ADVANTAGE - Provides greater versatility for creation and **editing**

Dwg.1/6

Title Terms: FULL; COLOUR; DESK; TOP; PUBLICATION; SYSTEM; COMPUTER; GRAPHIC; GRAPHIC; BAND; PAGE; IMAGE; STORAGE; DRAM; HIGH; RESOLUTION; DISPLAY; LASER; **COPY**

Derwent Class: R27; T01

International Patent Class (Main): G06F-015/00; G06F-015/20; G06F-015/62; G06F-015/66; G06T-001/20; G06T-009/00; G06T-011/60; H04N-001/387

International Patent Class (Additional): G06F-005/01; G06F-015/72; **G06F-017/24**; G06T-017/00; H04N-001/41

File Segment: EPI

**12/5/7 (Item 1 from file: 347)**

DIALOG(R)File 347:JAPIO

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07542360 \*\*Image available\*\*

DOCUMENT PROCESSING SYSTEM AND METHOD, CLIENT TERMINAL, SERVER DEVICE, PROGRAM AND STORAGE MEDIUM

PUB. NO.: 2003-036200 [JP 2003036200 A]

PUBLISHED: February 07, 2003 (20030207)

INVENTOR(s): ICHIMURA SATORU

APPLICANT(s): FUJI XEROX CO LTD

APPL. NO.: 2001-221286 [JP 2001221286]

FILED: July 23, 2001 (20010723)

INTL CLASS: G06F-012/00; G06F-013/00; **G06F-017/21**; G06T-001/00; H04N-001/387

#### ABSTRACT

PROBLEM TO BE SOLVED: To downsize the file of a document without lowering access performance to an original document file in a document processing system for processing the document.

SOLUTION: A generating-side client terminal 30 **transmits** the whole original document to a server device 70. An object **compression** part 74 in the server device 70 converts a **high resolution picture** included in the received original document to a **low resolution picture**. An object substitution part 76 generates a substituted document of a small data quantity by using the **low resolution picture** and **transmits** it to the terminal 30 via a substituted document output part 78. A database 80 stores the entire original document in reference to the **low resolution picture**. The terminal 30 receives the substituted document from the server device 70 by a substituted document receiving part 36 to display-output a document **picture** and when printing and **editing** are performed, the terminal 30 reads the original document from the database 80 in the server device 70 and use it.

COPYRIGHT: (C)2003,JPO

Set	Items	Description
S1	606534	IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ? OR JPG OR JPEG
S2	1161737	TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO- WNLOAD? OR COPY???
S3	405919	(LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER OR LESS OR 320 OR 240 OR 200 OR 150) (1N) (PIXEL? OR MEGAPIXEL?)
S4	649862	MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR - ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM
S5	52374	(HIGH OR HIGHER) () (RES OR RESOLUTION) OR (1600 OR 1200) () (- PIXEL? OR MEGAPIXEL?)
S6	18377	S3 (3N) S1
S7	11230	S5 (3N) S1
S8	29560	S4 (10N) S1
S9	1327	S6 (S) S8
S10	163	S9 (S) S7
S11	8	S10 AND IC=(G06F-017/60 OR G06Q?)
S12	29	S10 AND IC=(G06F? OR G06Q?)
S13	19	S10 AND IC=(G06F-017? OR G06Q?)

File 348:EUROPEAN PATENTS 1978-2006/ 200620  
(c) 2006 European Patent Office

File 349:PCT FULLTEXT 1979-2006/UB=20060518,UT=20060511  
(c) 2006 WIPO/Univentio

13/3,K/1 (Item 1 from file: 348)  
 DIALOG(R) File 348:EUROPEAN PATENTS  
 (c) 2006 European Patent Office. All rts. reserv.

01972118  
 An improved system for stock images peer-to-peer services over the world wide web  
 Verbessertes System fur Archiv-Bilder-Peer-To-Peer-Dienste uber das World Wide Web  
 Systeme ameliore pour la provision de services en poste a poste de stockage d'images sur le Web

## PATENT ASSIGNEE:

Creo IL. Ltd., (3082936), 3 Hamada Street, Herzlia 46103, (IL),  
 (Applicant designated States: all)

## INVENTOR:

Shay, Lipowitz, 7 Maoz Street, Givatayim 53327, (IL)  
 Weisman, Hanan, 15 Hatkuma Street, Ra'anana, (IL)

## LEGAL REPRESENTATIVE:

White, Duncan Rohan (86304), Marks & Clerk 90 Long Acre, London WC2E 9RA  
 , (GB)

PATENT (CC, No, Kind, Date): EP 1589460 A1 051026 (Basic)

APPLICATION (CC, No, Date): EP 2005252534 050422;

PRIORITY (CC, No, Date): US 564216 P 040422

DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;  
 HU; IE; IS; IT; LI; LT; LU; MC; NL; PL; PT; RO; SE; SI; SK; TR

EXTENDED DESIGNATED STATES: AL; BA; HR; LV; MK; YU

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

ABSTRACT WORD COUNT: 212

## NOTE:

Figure number on first page: NONE

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200543	1015
SPEC A	(English)	200543	5760
Total word count - document A			6775
Total word count - document B			0
Total word count - documents A + B			6775

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

## ...SPECIFICATION repository.

The preferred method of operation described in this invention for the direct purchase of **high - resolution images** by an **image** buyer from a specific image publisher comprises: accessing by the buyer the system service unit...  
 ...access to the low-resolution image file as well as to selected parts of the **high - resolution image** file. The buyer has now the opportunity to verify, **enhance** and embed in a page layout, the **low - resolution image** of each selected thumbnail, quality check selected parts of each respective **high - resolution image** file and create simulations. Upon satisfactory termination of the enhancement and quality checks the buyer can purchase the **high - resolution image**, by negotiating directly with the image supplier the terms of purchase and mode of payment...

...of the system's service unit, which can split the payment between eligible parties. The **high - resolution image** file is consequently transferred from the supplier's repository to the buyer, by means of network downloading, physical transfer of a removable storage media or a

transparency. The **high - resolution image** file is automatically rendered by the enhancement unit to be ready for print, based on...

**13/3,K/2 (Item 2 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01750159

**System and method to compose a slide show**  
**System und Verfahren zur Komposition einer Diavorfuhrung**  
**Système et méthode de composition d'un diaporama**

**PATENT ASSIGNEE:**

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

**INVENTOR:**

Sun, Zhaohui, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Loui, Alexander C., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Riek, Jonathan K., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

**LEGAL REPRESENTATIVE:**

Haile, Helen Cynthia et al (60522), Kodak Limited Patent Department, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

**PATENT (CC, No, Kind, Date):** EP 1431887 A2 040623 (Basic)  
EP 1431887 A3 041222

**APPLICATION (CC, No, Date):** EP 2003078732 031128;

**PRIORITY (CC, No, Date):** US 316556 021211

**DESIGNATED STATES:** DE; FR; GB

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK

**INTERNATIONAL PATENT CLASS (V7):** G06F-017/30 ; G11B-027/022; H04N-009/804

**ABSTRACT WORD COUNT:** 125

**NOTE:**

Figure number on first page: 2

**LANGUAGE (Publication,Procedural,Application):** English; English; English  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	551
SPEC A	(English)	200426	5683
Total word count - document A			6234
Total word count - document B			0
Total word count - documents A + B			6234

**INTERNATIONAL PATENT CLASS (V7):** G06F-017/30 ...

...SPECIFICATION as specified by the Video Compact Disc specification. In contrast, several prior disclosures intended to **enhance** the resolution/quality of a single **image** by the combination of a group of still images. For example, U.S. Patent No. 4,825,301, titled "APPARATUS FOR ENCODING AND DECODING **HIGH RESOLUTION** STILL **IMAGES** AND VIDEO **IMAGES** FOR RECODING ON A STANDARD STORAGE MEDIA", discloses an apparatus for encoding...

...image. U.S. Patent No. 6,349,154, titled "METHOD AND ARRANGEMENT FOR CREATING A **HIGH - RESOLUTION** STILL **PICTURE**", discloses a method for creating a **high - resolution** still **picture** from a sequence of **lower - resolution** **pictures** after motion-compensated predictive coding. EP Patent No. 0731600, titled "SYSTEM FOR CREATING A **HIGH RESOLUTION**

**IMAGE FROM A SEQUENCE OF LOWER RESOLUTION MOTION IMAGES**,  
 discloses a method for creating a **high resolution** still **picture**  
 from a video sequence based on the projections onto a convex scheme.  
 The present invention...

**13/3, K/4 (Item 4 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS  
 (c) 2006 European Patent Office. All rts. reserv.

01413407

**A SYSTEM USING A MASTER CONTROL FILE FOR COMPUTER SOFTWARE**  
**SYSTEM MIT EINER MASTER-STEUERDATEI FUR COMPUTER SOFTWARE**  
**SYSTEME UTILISANT UN FICHIER MAITRE DE COMMANDE POUR LOGICIEL INFORMATIQUE**  
**PATENT ASSIGNEE:**

Visual Telecommunications Network, Inc., (4013090), 8201 Greensboro  
 Drive, Suite 820, McLean, VA 22102, (US), (Proprietor designated  
 states: all)

**INVENTOR:**

MURACA, John, 221 Elizabeth Street, Utica, NY 13501, (US)

**LEGAL REPRESENTATIVE:**

Walaski, Jan Filip et al (92081), Venner Shipley LLP 20 Little Britain,  
 London EC1A 7DH, (GB)

**PATENT (CC, No, Kind, Date):** EP 1312031 A1 030521 (Basic)  
 EP 1312031 B1 060426  
 WO 2002011052 020207

**APPLICATION (CC, No, Date):** EP 2001959252 010727; WO 2001US23621 010727

**PRIORITY (CC, No, Date):** US 221558 P 000728; US 236726 P 001002; US 853703  
 010514

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
 LU; MC; NL; PT; SE; TR

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS (V7):** G06K-001/00; **G06F-017/30** ; **G06F-017/00**

**INTERNATIONAL CLASSIFICATION (V8 + ATTRIBUTES):**

**IPC + Level Value Position Status Version Action Source Office:**

G06K-0001/00	A I F B	20060101	20020208	H EP
G06F-0017/30	A I L B	20060101	20020208	H EP
G06F-0017/00	A I L B	20060101	20020208	H EP

**NOTE:**

No A-document published by EPO

**LANGUAGE (Publication,Procedural,Application):** English; English; English  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200617	385
CLAIMS B	(German)	200617	374
CLAIMS B	(French)	200617	482
SPEC B	(English)	200617	12287
Total word count - document A			0
Total word count - document B			13528
Total word count - documents A + B			13528

...INTERNATIONAL PATENT CLASS (V7): **G06F-017/30** ...

... **G06F-017/00**

...SPECIFICATION clinical information- available at any time and any place-  
 is the cornerstone of MedVizer's **Image Manipulation** Services.  
 Information visualization is significantly enhanced and training reduced  
 when the same tool is used to process **high** -resolution color and  
 radiologic **images** as well as **low resolution** faxes. Voice, text and  
 graphic annotations can be stored and distributed with the images

containing...

**13/3,K/6 (Item 6 from file: 348)**  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01367791

**Secure manipulation archiving retrieval and transmission system for electronic multimedia commerce**  
**Archivierungs-, Wiedergewinnungs- und Übertragungssystem für die sichere Datenmanipulation im elektronischen multimedialen Handel**  
**Système de manipulation sécurisée pour l'archivage, la récupération et la transmission pour le commerce électronique multimedia**

**PATENT ASSIGNEE:**

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York 14650, (US), (Applicant designated States: all)

**INVENTOR:**

Huether, Michael P., c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)

**LEGAL REPRESENTATIVE:**

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A, Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1164524 A1 011219 (Basic)

APPLICATION (CC, No, Date): EP 2001201987 010528;

PRIORITY (CC, No, Date): US 589909 000607

DESIGNATED STATES: DE; FR; GB

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

ABSTRACT WORD COUNT: 220

**NOTE:**

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200151	516
SPEC A	(English)	200151	3363
Total word count - document A			3879
Total word count - document B			0
Total word count - documents A + B			3879

INTERNATIONAL PATENT CLASS (V7): **G06F-017/60**

...SPECIFICATION storage databases may also contain image-rendering scripts for processing images to create variations of **high resolution images**. When a **high resolution image** is modified, the image rendering scripts for modifying the **high resolution image** may be stored along with the unmodified **high resolution image** in lieu of storing a high resolution version of the modified image. Scripts for creating low, medium or thumbnail **images** from **high resolution images** may be stored along with the **high resolution images** in lieu of storing the low, medium or thumbnail **images** themselves. A **low - resolution image** for example would contain a 384x256 pixel image, which is suitable for viewing on a color monitor. Whereas a **high resolution image** may be 3072x2048 pixel image which is suitable for producing a high quality photographic print. The stored **image** rendering scripts may represent **manipulations** that were made to **high resolution** original **images** by a user with an application interface such as Adobe Photoshop(TM).

The communication network...

13/3,K/7 (Item 7 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01335167  
Method and system for ordering image related goods and services  
Verfahren und System zur Bestellung von auf Bilder bezogen Gutern und  
Diensten  
Methode et systeme de commande de biens et de services relativement a leur  
image

## PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201212), 343 State Street, Rochester, New York  
14650, (US), (Applicant designated States: all)

## INVENTOR:

Fry, Peter T., Eastman Kodak Company, 343 State Street, Rochester, New  
York 14650-2201, (US)

Chauvin, Louis A., Eastman Kodak Company, 343 State Street, Rochester,  
New York 14650-2201, (US)

## LEGAL REPRESENTATIVE:

Haile, Helen Cynthia et al (60522), Kodak Limited Patent, W92-3A,  
Headstone Drive, Harrow, Middlesex HA1 4TY, (GB)

PATENT (CC, No, Kind, Date): EP 1139256 A1 011004 (Basic)

APPLICATION (CC, No, Date): EP 2001201006 010319;

PRIORITY (CC, No, Date): US 540148 000331

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

ABSTRACT WORD COUNT: 77

## NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	496
SPEC A	(English)	200140	2766
Total word count - document A			3262
Total word count - document B			0
Total word count - documents A + B			3262

INTERNATIONAL PATENT CLASS (V7): G06F-017/60

...ABSTRACT method and system for ordering digital image goods and/or services with respect to an image provided as a low resolution digital file and a low resolution digital image file. The method includes transmitting the low resolution digital image file to a server at a remote image service provider over a communication network, manipulating the image and/or ordering of goods and/or services with respect to the image, and transmitting of the high resolution digital image file.

...SPECIFICATION by 256 pixels, or be equal to or less than about one tenth of a high resolution digital image file. Generally, the low resolution image file need only have a sufficient size for allowing image analysis and/or manipulation so that instructions can be obtained for use with the high resolution digital image file. The low resolution image files are stored on image storage device 27 and

associated with an identification ID for the user or the computer device 10. These generation of the **low resolution image** records can be performed using common image processing techniques such as image convolution and subsampling. The generation of the **low resolution** versions of the **image** files can be performed either by software available on the computer device 12 or using...

...an interest in the goods or services the service provider then initiates the transfer of **low resolution image** records.

At about the same time as the transfer of the low resolution image files...method according to the present invention. The first step 30 is that one or more **high resolution images** are obtained. These image may of course be obtained from any appropriate source. The next...

...generated, or may be generated at step 36 at the time of transmitting of the **low resolution image** files. The next step 38 is that the customer **manipulates** the digital **image** files as desired and/or as is allowed by the software at the service provider...

...step 40 is placed with the network photoservice provider 14. Then at step 42 the **high resolution** digital **image** files are transmitted to the server 34. At this time the customer is free to...

13/3,K/8 (Item 8 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2006 European Patent Office. All rts. reserv.

01123976  
**A method and system for downloading graphic images on internet**  
**Ein Verfahren und System um graphische Bilder vom Internet herunterzuladen**  
**Un procede et systeme pour telecharger des images graphiques du internet**  
**PATENT ASSIGNEE:**

International Business Machines Corporation, (200128), New Orchard Road, Armonk, NY 10504, (US), (Applicant designated States: all)

**INVENTOR:**

Cohen, Benjamin, c/o IBM UK Ltd, Intel. Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)  
Krupnik, Hagai, c/o IBM UK Ltd, Intel. Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)  
Sivan, Zohar, c/o IBM UK Ltd, Intel. Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

**LEGAL REPRESENTATIVE:**

Boyce, Conor (74272), IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

**PATENT (CC, No, Kind, Date):** EP 982668 A2 000301 (Basic)  
EP 982668 A3 050803

**APPLICATION (CC, No, Date):** EP 99306277 990809;

**PRIORITY (CC, No, Date):** US 141320 980827

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS (V7):** G06F-017/30

**ABSTRACT WORD COUNT:** 154

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text Language Update Word Count

CLAIMS A (English)	200009	1259
SPEC A (English)	200009	4851
Total word count - document A		6110
Total word count - document B		0
Total word count - documents A + B		6110

INTERNATIONAL PATENT CLASS (V7): **G06F-017/30**

...SPECIFICATION graphic image must be sacrificed.

Frequently, however, it is not necessary to view the whole **image** at **high resolution**. Typically, a visitor to the Web site is content to view the complete **image** at relatively **low - resolution** providing that it is possible to select sections thereof for viewing at the highest resolution...

...Kodak company. When a user accesses the Web site, various vignettes are displayed as miniature **low - resolution images**. Clicking on one of the images with the mouse, results in the selected image being...

...as a TV screen having control buttons for allowing zooming and shifting as well as **image** cropping.

Zooming is achieved by clicking on the **zoom** button, whereupon the **image** is magnified by a predetermined factor, typically x2. In order to magnify the image more...decompression software from the Web server to the client.

Preferably, a portion of the displayed **low - resolution image** can be selected with a pointing device, such as a computer mouse, so as to define a **zoom** ratio. This is preferable to magnifying the **image** by a predetermined **zoom** ratio since it allows any desired fraction of the displayed **image** to be zoomed in a single action. In order to avoid the feeling that the system has "hung", the selected portion of the **low - resolution image** at the client may be immediately displayed whilst the server extracts the corresponding **high - resolution image** which may take several seconds. Then when the selected portion of the **high - resolution image** has been extracted, it is downloaded to the client and replaces the **low - resolution image** already displayed.

According to a further aspect of the invention, there is provided a system...

...the system comprising: a network server having a network memory for storing at least one **high - resolution** graphic **image** file of a reference image and a low-resolution graphic image file corresponding thereto, a...

...to the memory for displaying a low-resolution image at the client corresponding to the **low -resolution** graphic **image** file, a **zoom** control coupled to the memory for uniquely specifying a portion of the **low - resolution image** which is to be displayed at high-resolution, a client processor coupled to the memory...

...server, a network processor responsive to the size data for extracting said portion of the **high - resolution** graphic **image** file from the network server and downloading via the communication line to the client for...

...area of said display device, and an image processor for conforming the portion of the **high - resolution** graphic **image** to a display area of the display device.

The selected portion is typically selected arbitrarily...

**13/3,K/9 (Item 9 from file: 348)**  
 DIALOG(R)File 348:EUROPEAN PATENTS  
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00510920

**ENHANCED AUTOMATIC DATA READING**  
**VERBESSERTES AUTOMATISCHES LESEN VON DATEN**  
**LECTURE AUTOMATIQUE AMELIOREE DE DONNEES**

**PATENT ASSIGNEE:**

UNISYS CORPORATION, (842795), Township Line and Union Meeting Roads P.O.  
 Box 500, Blue Bell, PA 19424, (US), (applicant designated states:  
 DE;FR;GB;IT)

**INVENTOR:**

KERN, Norman, P., 1640 Haynes, Birmingham, MI 48009, (US)

**LEGAL REPRESENTATIVE:**

Modiano, Guido, Dr.-Ing. et al (40786), Modiano, Josif, Pisanty & Staub,  
 Baaderstrasse 3, 80469 Munchen, (DE)

**PATENT (CC, No, Kind, Date):** EP 552294 A1 930728 (Basic)  
 EP 552294 B1 981223  
 WO 9207329 920430

**APPLICATION (CC, No, Date):** EP 91920067 911017; WO 91US7637 911017

**PRIORITY (CC, No, Date):** US 600777 901019

**DESIGNATED STATES:** DE; FR; GB; IT

**INTERNATIONAL PATENT CLASS (V7):** **G06F-017/60 ; G06K-009/72**

**NOTE:**

No A-document published by EPO

**LANGUAGE (Publication,Procedural,Application):** English; English; English  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9852	529
CLAIMS B	(German)	9852	520
CLAIMS B	(French)	9852	570
SPEC B	(English)	9852	11578
Total word count - document A			0
Total word count - document B			13197
Total word count - documents A + B			13197

**INTERNATIONAL PATENT CLASS (V7):** **G06F-017/60 ...**

...SPECIFICATION storage and retrieval unit 40, as described previously, each workstation also provides for decompressing received **compressed images** for display on the workstation monitor. An operator can also **zoom**, **pan**, **scroll**, **rotate**, and **flip** (view the rear) an **image** for optimal viewing. The block diagram of Fig. 15 illustrates a preferred hardware architecture for...Display Controller 56 Generates graphics, manages display memory, defines the screen size, and enables document **image manipulation** for the **high - resolution** display monitor 59. Alphanumeric keyboard (optional) 57 Enables operators to perform basic text processing.

Data...

**13/3,K/10 (Item 1 from file: 349)**  
 DIALOG(R)File 349:PCT FULLTEXT  
 (c) 2006 WIPO/Univentio. All rts. reserv.

01259047 \*\*Image available\*\*  
**WEBSITE FOR PUBLISHING AND SELLING IMAGES**  
**SITE WEB POUR LA PUBLICATION ET LA VENTE D'IMAGES**  
 Patent Applicant/Assignee:

EASTMAN KODAK COMPANY, 343 State Street, Rochester, NY 14650-2201, US, US  
(Residence), US (Nationality), (For all designated states except: US)  
Patent Applicant/Inventor:

BRYANT Steven Mark, 67 W. Albion Street, Holly, NY 14470, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

EASTMAN KODAK COMPANY (commercial rep.), 343 State Street, Rochester, NY  
14650-2201, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200566865 A1 20050721 (WO 0566865)

Application: WO 2004US40435 20041203 (PCT/WO US04040435)

Priority Application: US 2003748107 20031224

Designated States:

(All protection types applied unless otherwise stated - for applications  
2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM  
DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO  
RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LT LU MC NL PL  
PT RO SE SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ NA SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 3941

Main International Patent Class (v7): G06F-017/60

Fulltext Availability:

Detailed Description

Detailed Description

... illustrated a screen shot of the user  
blog at website illustrating the incorporation of a **low resolution**  
**image** 58 and its associated action button 59. In the embodiment  
illustrated, the hosting website is...

...fulfillment provider 20 which could again show a low resolution copy 64  
of the stored **high resolution image** that has been previously  
stored. Appropriate actions for ordering prints and various other image  
products...

...or various other goods. In the particular embodiment, the action text or  
icons includes the **editing** of the **image**, the ordering of prints, the  
order of mugs with images, and T-sh'irts. However...

...20, for example, but not limited to e-mailing, sharing and down loading  
of the **high resolution image**.

Referring to Figure 3, there is a flow diagram illustrating how a  
viewer would use...

13/TI,AU,6/1 (Item 1 from file: 348)  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01972118  
 An improved system for stock images peer-to-peer services over the world wide web  
 Verbessertes System fur Archiv-Bilder-Peer-To-Peer-Dienste uber das World Wide Web  
 Systeme ameliore pour la provision de services en poste a poste de stockage d'images sur le Web

## INVENTOR:

Shay, Lipowitz, 7 Maoz Street, Givatayim 53327, (IL)  
 Weisman, Hanan, 15 Hatkuma Street, Ra'anana, (IL)

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200543	1015
SPEC A	(English)	200543	5760
Total word count - document A			6775
Total word count - document B			0
Total word count - documents A + B			6775

13/TI,AU,6/2 (Item 2 from file: 348)  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01750159

System and method to compose a slide show  
 System und Verfahren zur Komposition einer Diavorfuhrung  
 Systeme et methode de composition d'un diaporama

## INVENTOR:

Sun, Zhaohui, Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)  
 Loui, Alexander C., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)  
 Riek, Jonathan K., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	551
SPEC A	(English)	200426	5683
Total word count - document A			6234
Total word count - document B			0
Total word count - documents A + B			6234

13/TI,AU,6/3 (Item 3 from file: 348)  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01711146

VIDEO PROGRAM CREATION SYSTEM, TABLE PROVIDING DEVICE, TERMINAL DEVICE, TERMINAL PROCESSING METHOD, PROGRAM, RECORDING MEDIUM  
 VIDEOPROGRAMMERZEUGUNGSSYSTEM, TABELLENBEREITSTELLUNGSEINRICHTUNG, ENDGERÄT EEINRICHTUNG, ENDGERÄTEVERARBEITUNGSVERFAHREN, PROGRAMM, AUFZEICHNUNGSMEDIUM  
 SYSTEME DE CREATION DE PROGRAMME VIDEO, DISPOSITIF D'OBTENTION DE TABLE, DISPOSITIF TERMINAL, PROCEDE DE TRAITEMENT DE TERMINAL, PROGRAMME, SUPPORT D'ENREGISTREMENT

## INVENTOR:

SHINKAI, Mitsutoshi, c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
 Shinagawa-ku, Tokyo 141-0001, (JP)  
 LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200522	2344
SPEC A	(English)	200522	20315
Total word count - document A			22659
Total word count - document B			0
Total word count - documents A + B			22659

**13/TI,AU,6/4 (Item 4 from file: 348)**  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01413407  
**A SYSTEM USING A MASTER CONTROL FILE FOR COMPUTER SOFTWARE**  
**SYSTEM MIT EINER MASTER-STEUERDATEI FUR COMPUTERSOFTWARE**  
**SYSTEME UTILISANT UN FICHIER MAITRE DE COMMANDE POUR LOGICIEL INFORMATIQUE**  
 INVENTOR:

MURACA, John, 221 Elizabeth Street, Utica, NY 13501, (US)  
 LANGUAGE (Publication,Procedural,Application): English; English; English  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200617	385
CLAIMS B	(German)	200617	374
CLAIMS B	(French)	200617	482
SPEC B	(English)	200617	12287
Total word count - document A			0
Total word count - document B			13528
Total word count - documents A + B			13528

**13/TI,AU,6/5 (Item 5 from file: 348)**  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01389978  
**METHOD OF USING MULDI-MEDIA INFORMATION, SYSTEM AND PROGRAM RECORDING**  
**MEDIUM THEREFOR**  
**VERFAHREN ZUR BENUTZUNG VON MULTIMEDIA-INFORMATIONEN, SYSTEM UND**  
**PROGRAMMAUZEICHNUNGSMEDIUM DAFUR**  
**PROCEDE D'UTILISATION D'INFORMATIONS MULTIMEDIA ET SYSTEME ET SUPPORT**  
**D'ENREGISTREMENT DE PROGRAMMES ASSOCIES**  
 INVENTOR:

KODAMA, Mei, 2-2-5, Hesakaizue, Higashi-ku, Hiroshima-shi, Hiroshima  
 732-0016, (JP)  
 LANGUAGE (Publication,Procedural,Application): English; English; Japanese  
 FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200318	2363
SPEC A	(English)	200318	8642
Total word count - document A			11005
Total word count - document B			0
Total word count - documents A + B			11005

**13/TI,AU,6/6 (Item 6 from file: 348)**  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01367791

Secure manipulation archiving retrieval and transmission system for electronic multimedia commerce

Archivierungs-, Wiedergewinnungs- und Übertragungssystem fur die sichere Datenmanipulation im elektronischen multimedialen Handel

Systeme de manipulation securisee pour l'archivage, la recuperation et la transmission pour le commerce electronique multimedia

INVENTOR:

Huether, Michael P., c/o Eastman Kodak Company, Patent Legal Staff, 343 State Street, Rochester, New York 14650-2201, (US)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200151	516
SPEC A	(English)	200151	3363
Total word count - document A			3879
Total word count - document B			0
Total word count - documents A + B			3879

13/TI,AU,6/7 (Item 7 from file: 348)

DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01335167

Method and system for ordering image related goods and services

Verfahren und System zur Bestellung von auf Bilder bezogen Gutern und Diensten

Methode et systeme de commande de biens et de services relativement a leur image

INVENTOR:

Fry, Peter T., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

Chauvin, Louis A., Eastman Kodak Company, 343 State Street, Rochester, New York 14650-2201, (US)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200140	496
SPEC A	(English)	200140	2766
Total word count - document A			3262
Total word count - document B			0
Total word count - documents A + B			3262

13/TI,AU,6/8 (Item 8 from file: 348)

DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

01123976

A method and system for downloading graphic images on internet

Ein Verfahren und System um graphische Bilder vom Internet herunterzuladen

Un procede et systeme pour telecharger des images graphiques du internet

INVENTOR:

Cohen, Benjamin, c/o IBM UK Ltd, Intel. Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

Krupnik, Hagai, c/o IBM UK Ltd, Intel. Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

Sivan, Zohar, c/o IBM UK Ltd, Intel. Property Law, Hursley Park, Winchester, Hampshire SO21 2JN, (GB)

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A (English)	200009	1259
SPEC A (English)	200009	4851
Total word count - document A		6110
Total word count - document B		0
Total word count - documents A + B		6110

**13/TI,AU,6/9 (Item 9 from file: 348)**  
 DIALOG(R)File 348:(c) 2006 European Patent Office. All rts. reserv.

00510920

**ENHANCED AUTOMATIC DATA READING**  
**VERBESSERTES AUTOMATISCHES LESEN VON DATEN**  
**LECTURE AUTOMATIQUE AMELIOREE DE DONNEES**

INVENTOR:

KERN, Norman, P., 1640 Haynes, Birmingham, MI 48009, (US)  
 LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B (English)	9852	529	
CLAIMS B (German)	9852	520	
CLAIMS B (French)	9852	570	
SPEC B (English)	9852	11578	
Total word count - document A		0	
Total word count - document B		13197	
Total word count - documents A + B		13197	

**13/TI,AU,6/10 (Item 1 from file: 349)**  
 DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01259047

**WEBSITE FOR PUBLISHING AND SELLING IMAGES**  
**SITE WEB POUR LA PUBLICATION ET LA VENTE D'IMAGES**

Patent Applicant/Inventor:

BRYANT Steven Mark, 67 W. Albion Street, Holly, NY 14470, US, US  
 (Residence), US (Nationality), (Designated only for: US)

Publication Language: English

Filing Language: English

Fulltext Word Count: 3941

Publication Year: 2005

**13/TI,AU,6/11 (Item 2 from file: 349)**  
 DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01124152

**SYSTEM FOR STOCK IMAGES PEER-TO-PEER SERVICES OVER THE WORLD WIDE WEB**  
**SYSTEMES DE STOCKAGE D'IMAGES PROVENANT DE SERVICES POSTE-A-POSTE SUR LE WEB**

Patent Applicant/Inventor:

LIPOWITZ Shay, 7 Maoz Street, 53327 Givatayim, IL, IL (Residence), IL  
 (Nationality), (Designated only for: US)  
 BEERY Ron, 13 Lochamey Sinai Street, 52372 Ramat Gan, IL, IL (Residence),  
 IL (Nationality), (Designated only for: US)  
 GELBENDORF Hanan, 7 Beresheet Street, 47201 Ramat Hasharon, IL, IL  
 (Residence), IL (Nationality), (Designated only for: US)

Publication Language: English

Filing Language: English

Fulltext Word Count: 7089

Publication Year: 2004

**13/TI,AU,6/12 (Item 3 from file: 349)**  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

01051319  
**METHOD, SYSTEM, AND PROGRAM FOR AN IMPROVED ENTERPRISE SPATIAL SYSTEM**  
**PROCEDE, SYSTEME ET LOGICIEL POUR UN SYSTEME SPATIAL AMELIORE D'ENTREPRISE**

Inventor(s):  
DYRNAES David N, 168 Lessay, Newport Coast, CA 92657, US,  
VON KAENEL Tim A, 12 Lakeview Drive, Coto de Caza, CA 92679, US,  
GOODWIN Jonathan D, 30826 Calle Barbosa, Laguna Niguel, CA 92677, US,  
WAYMAN Jared P, 29422 Vista Plaza Drive, Laguna Niguel, CA 92677, US,  
KUMAR C Suresh, 6 Blue Spruce Drive, Ladera Ranch, CA 92694, US,  
TRIVELPIECE Craig E, 124-B 46TH STREET, Newport Beach, CA 92663, US,  
MIHALICH Joseph, 51 Tradition Lane, Rancho Santa Margarita, CA 92688, US,  
JENKINS Anthony P, 2 Heartwood Way, Aliso Viejo, CA 92656, US,  
STIER Mark A, 28341 La Bajada Laguna, Niguel, CA 92677, US,  
ODOM Richard H Jr, 2303 Whippoorwill Road, Charlottesville, VA 22901, US,

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 108397  
Publication Year: 2003

**13/TI,AU,6/13 (Item 4 from file: 349)**  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00950371  
**SYSTEM AND PROCESSES FOR DYNAMIC DOCUMENT CONSTRUCTION**  
**SYSTEME ET PROCEDES D'ELABORATION DE DOCUMENTS DYNAMIQUE**  
Patent Applicant/Inventor:  
HUNDHAUSEN Allen, 1800 Grant St., Denver, CO 80203, US, US (Residence),  
US (Nationality), (Designated only for: US)  
LOHSE Don, 1800 Grant St., Denver, CO 80203, US, US (Residence), US  
(Nationality), (Designated only for: US)  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 3722  
Publication Year: 2002

**13/TI,AU,6/14 (Item 5 from file: 349)**  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00877792  
**A SYSTEM USING A MASTER CONTROL FILE FOR COMPUTER SOFTWARE**  
**SYSTEME UTILISANT UN FICHIER MAITRE DE COMMANDE POUR LOGICIEL INFORMATIQUE**  
Inventor(s):  
MURACA John, 221 Elizabeth Street, Utica, NY 13501, US,  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 13366  
Publication Year: 2002

**13/TI,AU,6/15 (Item 6 from file: 349)**  
DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00788814

**E-COMMERCE SYSTEMS AND METHODS RESPONSIVE TO INTERACTIVE PRODUCT PLACEMENTS  
SYSTEMES ET PROCEDES DE COMMERCE ELECTRONIQUE ACTIVES PAR UNE MISE EN SCENE  
INTERACTIVE DE PRODUITS**

Patent Applicant/Inventor:

ABADIR Essam Ernest, 252 West 6th Street, Apt. 4B, New York, NY 10023, US  
, US (Residence), US (Nationality), (Designated only for: US)  
GEILFUSS Bradley Earl Jr, 37 Glenridge Drive, Bedford, MA 01730, US, US  
(Residence), US (Nationality), (Designated only for: US)

Publication Language: English

Filing Language: English

Fulltext Word Count: 10667

Publication Year: 2001

**13/TI,AU,6/16 (Item 7 from file: 349)**

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00788784

**SYSTEMS AND METHODS TO INTERACTIVE PRODUCT PLACEMENT  
SYSTEMES ET PROCEDES DE MISE EN SCENE INTERACTIVE DE PRODUITS**

Patent Applicant/Inventor:

GEILFUSS Bradley Earl Jr, 37 Glenridge Drive, Bedford, MA 01730, US, US  
(Residence), US (Nationality), (Designated only for: US)  
OWUOR Victor, 195 Erie Street #2, Cambridge, MA 02139, US, US (Residence)  
, KE (Nationality), (Designated only for: US)  
ABADIR Essam Ernest, 252 West 6th Street, Apt. 4B, New York, NY 10023, US  
, US (Residence), US (Nationality), (Designated only for: US)

Publication Language: English

Filing Language: English

Fulltext Word Count: 10867

Publication Year: 2001

**13/TI,AU,6/17 (Item 8 from file: 349)**

DIALOG(R)File 349:(c) 2006 WIPO/Univentio. All rts. reserv.

00783248

**SYSTEM AND METHOD FOR AUTOMATED CLOSED-LOOP PRODUCTION OF CUSTOMIZED BOOKS  
SYSTEME ET PROCEDE PERMETTANT LA PRODUCTION AUTOMATIQUE EN BOUCLE FERMEE DE  
LIVRES PERSONNALISES**

Inventor(s):

DREYER Mark G, 2320 Blue Spruce Lane, Aurora, IL 60504, US,  
ASARIA Riyaz M, 202 Pleasant Street, Oak Park, IL 60302, US,  
SHIVELY J Thomas, 45 S. Thurlow Street, Hinsdale, IL 60521, US,  
WARMUS James L, 350 S. Kensington, LaGrange, IL 60525, US,

Publication Language: English

Filing Language: English

Fulltext Word Count: 15728

Publication Year: 2001

**13/TI,AU,6/18 (Item 9 from file: 349)**

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00538775

**SYSTEM AND METHOD FOR RENDERING AND DISPLAYING A COMPOUND DOCUMENT  
SYSTEME ET PROCEDE DE RESTITUTION ET D'AFFICHAGE D'UN DOCUMENT COMPOSE**

Inventor(s):

REISTROFFER Kirk L,  
Publication Language: English  
Fulltext Word Count: 7359  
Publication Year: 2000

13/TI,AU,6/19 (Item 10 from file: 349)  
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00415584  
METHOD AND SYSTEM FOR ENCODING MOVIES, PANORAMAS AND LARGE IMAGES FOR  
ON-LINE INTERACTIVE VIEWING AND GAZING  
PROCEDE ET SYSTEME POUR CODER DES IMAGES CINEMATOGRAPHIQUES, DES IMAGES  
PANORAMIQUES ET DES VUES D'ENSEMBLE DESTINEES A UNE PRESENTATION ET A  
UNE VISUALISATION INTERACTIVES EN LIGNE

Inventor(s):  
GUEDALIA Isaac David,  
GUEDALIA Jacob Leon,  
Publication Language: English  
Fulltext Word Count: 19833  
Publication Year: 1998

Set        Items        Description  
S1        1541481      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
              OR JPG OR JPEG  
S2        933785      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
              WNLOAD? OR COPY???  
S3        248691      (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
              OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
              GAPIXEL?)  
S4        421031      MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
              ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
S5        164071      (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
              RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
S6        22001      S3 (4N) S1  
S7        14122      S5 (4N) S1  
S8        1948      S2 AND S6  
S9        112      S8 AND S4  
S10      2      S9 AND S7  
S11      2      S10 AND S5  
S12      23      S9 AND RESOLUTION  
S13      18      S12 NOT PY>2000  
S14      17      RD (unique items)  
File      2:INSPEC 1898-2006/May W2  
              (c) 2006 Institution of Electrical Engineers  
File      35:Dissertation Abs Online 1861-2006/May  
              (c) 2006 ProQuest Info&Learning  
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              (c) 2006 The New York Times  
File      475:Wall Street Journal Abs 1973-2006/May 25  
              (c) 2006 The New York Times  
File      583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
              (c) 2002 The Gale Group

14/5/1 (Item 1 from file: 2)  
 DIALOG(R)File 2:INSPEC  
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07986647 INSPEC Abstract Number: A2001-17-8760K-002, B2001-09-7510R-001,  
 C2001-09-5260B-068

**Title:** Analyzing the impact of wavelet compression on radioisotope image quality

Author(s): Yongguo Zhao; Outif, A.

Author Affiliation: Dept. of Clinical Radiol., Bristol Univ., UK

Journal: Journal of Digital Imaging Conference Title: J. Digit. Imaging (USA) vol.13, no.2, suppl.n p.189-90

Publisher: W.B. Saunders Co,

Publication Date: May 2000 Country of Publication: USA

CODEN: JDIMEW ISSN: 0897-1889

SICI: 0897-1889(200005)13:2+nL.189:AIWC;1-M

Material Identity Number: D125-2001-002

U.S. Copyright Clearance Center Code: 0897-1889/2000/1302-1046\$10.00/0

Conference Title: 17th Symposium for Computer Applications in Radiology (SCAR 2000). 'The Electronic Practice: Radiology and the Enterprise'

Conference Sponsor: Soc. Comput. Appl. Radiol

Conference Date: 3-6 June 2000 Conference Location: Philadelphia, PA, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: Quantitatively analyzes the impact of wavelet **compression** on radioisotope **image** quality. The modulation **transfer** function (MTF) is the **transfer** characteristic that describes the **resolution** properties of an imaging system or process. If the MTF for a certain image procedure is known, the input image can be approximated from the output. A restoration filter based on the inverse MTF was applied on the wavelet- **compressed images** to restore the **resolution** and to **enhance** the signal-to-noise ratio (SNR). (0 Refs)

Subfile: A B C

Descriptors: image coding; image enhancement; image **resolution**; image restoration; medical image processing; optical **transfer** function; radioisotope imaging; source coding; wavelet transforms

Identifiers: wavelet compression; radioisotope image quality; inverse modulation **transfer** function; imaging system **resolution**; input image approximation; restoration filter based; signal-to-noise ratio enhancement; image **resolution** restoration

Class Codes: A8760K (Nuclear medicine, emission tomography); A4230L (Modulation and optical transfer functions); A4230H (Resolution of optical images); B7510R (Nuclear medicine, emission tomography); B0230 (Integral transforms); B6135C (Image and video coding); C5260B (Computer vision and image processing techniques); C1130 (Integral transforms); C7330 (Biology and medical computing)

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14/5/2 (Item 2 from file: 2)  
 DIALOG(R)File 2:INSPEC  
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07766287 INSPEC Abstract Number: B2001-01-6135C-012, C2001-01-5260D-007

**Title:** Multi- resolution **shape coding algorithm for MPEG-4**

Author(s): Mei-Juan Chen; Yuan-Pin Hsieh; Yu-Pin Wang

Author Affiliation: Dept. of Electr. Eng., Nat. Dong Hwa Univ., Taiwan

Journal: IEEE Transactions on Consumer Electronics Conference Title: IEEE

Trans. Consum. Electron. (USA) vol.46, no.3 p.505-13  
 Publisher: IEEE,  
 Publication Date: Aug. 2000 Country of Publication: USA  
 CODEN: ITCEDA ISSN: 0098-3063  
 SICI: 0098-3063(200008)46:3L.505:MRSC;1-U  
 Material Identity Number: I273-2000-003  
 U.S. Copyright Clearance Center Code: 0098-3063/2000/\$10.00  
 Conference Title: 2000 Digest of Technical Papers. International Conference on Consumer Electronics. Nineteenth in the Series  
 Conference Sponsor: Consumer Electron. Soc  
 Conference Date: 13-15 June 2000 Conference Location: Los Angles, CA, USA  
 Language: English Document Type: Conference Paper (PA); Journal Paper (JP)  
 Treatment: Practical (P); Theoretical (T)  
 Abstract: The MPEG-4 visual standard is developed to provide users a new level of interaction with visual contents. It is the first international standard allowing for **transmitting** arbitrarily shaped video objects and provides technologies to view, access and **manipulate** objects rather than pixels. MPEG-4 scalability features enable the content providers to **transmit** the same content through channels with variable bandwidths. In this paper, we propose a new coding technique employing quadtree-based decomposition to obtain a shape representation at different **resolution** levels. Fewer bits coding the shape can be **sent** on a bandwidth-limited channel while sacrificing the **resolution**. This is convenient for browsing applications or viewing a high- **resolution** **image** on a **lower-resolution** display device. The proposed scheme can improve coding efficiency, and get a good tradeoff between bit-rate and distortion. The method is shown to be simple, efficient solution and suitable for hardware implementation. (13 Refs)  
 Subfile: B C  
 Descriptors: code standards; entropy codes; image representation; quadtrees; video coding  
 Identifiers: multi- **resolution** shape coding algorithm; MPEG-4; visual contents; arbitrarily shaped video objects; scalability features; variable bandwidths; quadtree-based decomposition; shape representation; **resolution** levels; bandwidth-limited channel; browsing applications; high- **resolution** **image**; **lower-resolution** display device; coding efficiency; bit-rate; distortion; hardware implementation  
 Class Codes: B6135C (Image and video coding); B0250 (Combinatorial mathematics); C5260D (Video signal processing); C1160 (Combinatorial mathematics)  
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14/5/3 (Item 3 from file: 2)  
 DIALOG(R)File 2:INSPEC  
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07712123 INSPEC Abstract Number: A2000-21-9385-028  
 Title: Seismic waveform inversion in the frequency domain. 2. Fault delineation in sediments using crosshole data  
 Author(s): Pratt, R.G.; Shipp, R.M.  
 Author Affiliation: Dept. of Geol. Sci., Queen's Univ., Kingston, Ont., Canada  
 Journal: Geophysics vol.64, no.3 p.902-14  
 Publisher: Soc. Exploration Geophysicists,  
 Publication Date: May-June 1999 Country of Publication: USA  
 CODEN: GPYSA7 ISSN: 0016-8033  
 SICI: 0016-8033(199905/06)64:3L.902:SWIF;1-J

Material Identity Number: G008-1999-003

U.S. Copyright Clearance Center Code: 0016-8033/99/\$3.00

Language: English Document Type: Journal Paper (JP).

Treatment: Practical (P); Theoretical (T); Experimental (X)

Abstract: A crosshole experiment was carried out in a layered sedimentary environment in which a normal fault is known to cut through the section. Initial traveltimes inversions produced stable but **low - resolution images** from which the fault could be only vaguely inferred. To image the fault, wavefield inversion was used to produce a velocity model consistent with the detailed phase and amplitude of the data at a number of frequencies. Their wavefield inversion scheme uses a classical, descent-type algorithm for decreasing the data misfit by iteratively computing the gradient of this misfit by repeated forward and backward propagations. Their propagator is a full-wave equation, frequency-domain, acoustic, finite-difference method. The use of the frequency-space domain yields computational advantages for multisource data and allows an easy incorporation of viscous effects. By running wavefield inversion on the field data, a quantitative velocity image was produced that yielded a significantly improved image of the fault (when compared with the original traveltimes inversions). Because the original field data were noisy and contained a high degree of multiple scattering (from the layering of the sediments), the **transmitted** arrivals were selectively windowed to **enhance** the image. The sediments at the site were strongly attenuating; they therefore used a viscoacoustic model during the modeling and the inversion that correctly simulated the observed decrease in amplitude with increasing frequency and source-receiver offset. (50 Refs)

Subfile: A

Descriptors: geophysical prospecting; geophysical signal processing; geophysical techniques; inverse problems; seismology

Identifiers: geophysical measurement technique; exploration; explosion seismology; borehole method; inverse problem; seismic waveform inversion; frequency domain; fault delineation; crust structure; sediment; crosshole data; crosshole method; layered medium; wavefield inversion scheme; descent-type algorithm; full-wave equation; propagator; backward propagation; finite-difference method; frequency-space domain

Class Codes: A9385 (Instrumentation and techniques for geophysical, hydrospheric and lower atmosphere research); A9365 (Data and information; acquisition, processing, storage and dissemination in geophysics); A9130 (Seismology); A9130R (Controlled source seismology)

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**14/5/4 (Item 4 from file: 2)**

DIALOG(R)File 2:INSPEC

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06653147 INSPEC Abstract Number: A9718-8760-004, B9709-7520C-013, C9709-7330-205

**Title:** Wavelet-based compression in electronic portal imaging can enhance objective as well as subjective image quality

Author(s): Van den Heuvel, F.; Rajapakshe, R.; Luchka, K.

Author Affiliation: Inst. of Karmanos Cancer, Wayne State Univ., Detroit, MI, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA) vol.3031 p.729-37

Publisher: SPIE-Int. Soc. Opt. Eng,

Publication Date: 1997 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1997)3031L.729:WBCE;1-W

Material Identity Number: C574-97144

U.S. Copyright Clearance Center Code: 0277-786X/97/\$10.00  
Conference Title: Medical Imaging 1997: Image Display  
Conference Sponsor: SPIE  
Conference Date: 23-25 Feb. 1997 Conference Location: Newport Beach,  
CA, USA  
Language: English Document Type: Conference Paper (PA); Journal Paper  
(JP)

Treatment: Practical (P)  
Abstract: The study attempts to assess the feasibility and application of an algorithm combining noise-reduction and lossy **compression** to electronic portal **images** in radiation therapy. The basis of the algorithm is universal hard-thresholding in the wavelet-domain. The approach for the assessment is two-fold: an observer study using an image of a contrast-**resolution** phantom with different levels of compression, a quantitative study using control phantom to determine contrast-to-noise (CNRs) and relative modulation **transfer** functions (RTMFs). All results are analyzed as a function of a quality factor which is linked to the universal threshold level and expresses the lossiness of the compression. Results show that there exists an optimal quality factor for which the noise-reduction is maximal. The contrast **resolution** study indicates that the noise reduction is relevant for the observer. Furthermore it is possible to determine the optimal level from the behavior of the CNR as a function of all quality factor in regions with essentially no contrast. (11 Refs)

Subfile: A B C  
Descriptors: data compression; losses; medical image processing; noise; optical **transfer** function; radiation therapy; wavelet transforms  
Identifiers: wavelet-based compression; electronic portal imaging; enhanced objective image quality; enhanced subjective image quality; algorithm; noise reduction; lossy compression; radiation therapy; universal hard-thresholding; observer study; contrast-**resolution** phantom image; control phantom; contrast-to-noise; relative modulation **transfer** functions; quality factor; lossiness; optimal quality factor

Class Codes: A8760 (Medical and biomedical uses of fields, radiations, and radioactivity; health physics); A8770H (Radiation therapy); B7520C (Radiation therapy); B7510B (Radiation and radioactivity applications in biomedicine); B6140C (Optical information, image and video signal processing); B0230 (Integral transforms); C7330 (Biology and medical computing); C5260B (Computer vision and image processing techniques); C1130 (Integral transforms)

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14/5/5 (Item 5 from file: 2)  
DIALOG(R)File 2:INSPEC  
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06112351 INSPEC Abstract Number: B9512-6140C-712  
**Title: A low bandwidth, still image transmission system**  
Author(s): Bandy, C.P.; Koch, D.B.  
Author Affiliation: Dept. of Electr. & Comput. Eng., Tennessee Univ.,  
Knoxville, TN, USA  
Conference Title: Proceedings IEEE Southeastcon '95. Visualize the Future  
(Cat. No.95CH35793) p.389-98  
Publisher: IEEE, New York, NY, USA  
Publication Date: 1995 Country of Publication: USA xv+467 pp.  
ISBN: 0 7803 2642 3  
U.S. Copyright Clearance Center Code: 0 7803 2642 3/95/\$4.00  
Conference Title: Proceedings IEEE Southeastcon '95. Visualize the Future  
Conference Date: 26-29 March 1995 Conference Location: Raleigh, NC,

USA

Language: English Document Type: Conference Paper (PA)

Treatment: Theoretical (T)

Abstract: The Civil Air Patrol (CAP) performs aerial reconnaissance of roadways and bridges. To **enhance** the analysis of aerial observations, CAP has proposed broadcasting amateur television from aircraft cockpits to ground receiving stations. However, because of the large bandwidth required for video transmission and the low **transmitter** power available the range of video transmission is very limited. As an alternative to amateur television transmission, the paper develops a software based, continuous-tone, still image transmission system. A digitized color image at television **resolution** contains nearly one million bytes. Digital imaging is, therefore, not often implemented due to high storage or transmission costs. However, by employing a high quality **image compression** technique, **images** may be **compressed** from 1/10 to greater than 1/50 their uncompressed size without visibly affecting **image quality**. These **compressed images** can then be **transmitted** over a low bandwidth channel in a reasonable time. The major issues in developing the prototype system were the **image compression** and data transmission techniques. The selected **image compression** technique is based on the **JPEG Still Image Data Compression** Standard, known officially as ISO DIS 10918-1 or CCITT Recommendation T.81. The system's data link will use high speed (9600 bits per second) packet radio (CCITT X25). This system shows the **JPEG image compression** method is suitable for **transmitting** high quality **compressed images** over a low bandwidth channel in a reasonable time. Additional data compression is achieved through the use of V.42 bis data compression. (13 Refs)

Subfile: B

Descriptors: aircraft communication; data compression; disasters; image coding; ISO standards; packet radio networks; telecommunication standards; visual communication

Identifiers: low bandwidth still image transmission system; Civil Air Patrol; aerial reconnaissance; roadways; bridges; aircraft; software based continuous-tone still image transmission system; digitized color image; high quality **image compression** technique; image quality; data transmission; **JPEG Still Image Data Compression** Standard; ISO DIS 10918-1; CCITT Recommendation T.81; packet radio; V.42 bis data compression

Class Codes: B6140C (Optical information, image and video signal processing); B6250F (Mobile radio systems); B6120B (Codes); B6210 (Telecommunication applications)

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14/5/6 (Item 6 from file: 2)  
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05366896 INSPEC Abstract Number: B9304-6140C-171, C9304-5260B-127

Title: Image compression . 1

Author(s): Quinnell, R.A.

Journal: EDN (European Edition) vol.38, no.2 p.62, 64-8, 70-1

Publication Date: 21 Jan. 1993 Country of Publication: USA

CODEN: EDEEEZ ISSN: 0012-7515

Language: English Document Type: Journal Paper (JP)

Treatment: General, Review (G)

Abstract: The computers' emerging ability to **manipulate** and display images and video increases their information-handling potential by orders of magnitude. As the computer's utility as an information source grows, it opens a host of applications opportunities in communications, education, and image archiving. The key that unlocks the potential of computer-based

video is **image compression**. A single VGA- **resolution** 640\*480-pixel image in full natural color (eight bits each for red, green, and blue color components) needs nearly 1 Mbyte of memory. An SVGA- **resolution** image requires 2.3 Mbytes-more than will fit on a floppy disk. With moving images, data rate as well as data volume becomes a concern. **Transmitting** studio-quality television (720\*485 pixels at 30 images/sec) would require a data- **transfer** rate of 31 Mbytes/sec (251 Mbps)-far greater than data rates available on typical PCs. (3 Refs)

Subfile: B C

Descriptors: data compression; image coding; multimedia systems

Identifiers: computer-based video; **image compression**; VGA- **resolution**; SVGA- **resolution** image; data rate; data volume

Class Codes: B6140C (Optical information and image processing); B6210 (Telecommunication applications); B6120B (Codes); C5260B (Computer vision and picture processing); C6160S (Spatial and pictorial databases)

**14/5/7 (Item 7 from file: 2)**

DIALOG(R)File 2:INSPEC

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04350922 INSPEC Abstract Number: C89028050

**Title: Image management systems**

Author(s): Marcus, M.

Author Affiliation: PictureWare Inc., Bala Cynwyd, PA, USA

Conference Title: Electronic Imaging '88: International Electronic Imaging Exposition and Conference. Advance Printing of Paper Summaries p.1196-201 vol.2

Publisher: Inst. Graphic Commun, Waltham, MA, USA

Publication Date: 1988 Country of Publication: USA 2 vol. xxxviii+1272 pp.

Conference Sponsor: Diagnostic Imaging Magazine; ESD:Electron. Syst. Design Magazine; et al

Conference Date: 3-6 Oct. 1988 Conference Location: Boston, MA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: General, Review (G)

Abstract: Describes what image management is and is not, and discusses some of the issues involved in assessing an image management system. To start, the author takes the phrase apart and sees what is meant by the words image and management. Images include: real world pictures, business/presentation graphics, and document images. Management includes: capture, display, **edit**, integration with text, indexing, storage, retrieval, compression transmission, customizable forms and producing hard **copy**. The author contrasts image management with image processing and picks up on **resolution** and **compression** consideration important in **image** management. Finally he takes a look at trends. (0 Refs)

Subfile: C

Descriptors: computerised picture processing; data compression; electronic publishing; information retrieval; information storage

Identifiers: image management; real world pictures; presentation graphics; document images; capture; display; **edit**; integration with text; indexing; storage; retrieval; compression; transmission; customizable forms; hard **copy**; **resolution**; compression; trends

Class Codes: C7108 (Desktop publishing); C5260B (Computer vision and picture processing); C7250L (Non-bibliographic systems)

**14/5/8 (Item 8 from file: 2)**

DIALOG(R)File 2:INSPEC

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04328310 INSPEC Abstract Number: C89022259

**Title: Strategic rethinking**

Author(s): Kniskern, J.M.

Author Affiliation: General Electric Co., Schenectady, NY, USA

Conference Title: Electronic Imaging '88. International Electronic Imaging Exposition and Conference. Advance Printing of Paper Summaries

p.434-9 vol.1

Publisher: Inst. Graphic Commun, Boston, MA, USA

Publication Date: 1988 Country of Publication: USA 2 vol. xxix+950 pp.

Conference Sponsor: Diagnostic Imaging Magazine; ESD: Electron. Syst. Design Magazine; EP & P 88 Magazine; Adv. Imaging Magazine

Conference Date: 28-31 March 1988 Conference Location: Anaheim, CA, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Applications (A); Practical (P)

Abstract: GE Turbine Business Operations (GE-TBO) has introduced the Automated Document Storage and Retrieval System (ADSRS) which is a system that supports the on-line viewing, printing and revision of engineering drawings and their supporting documents. During system operation, original drawings and text documents in the form of 35 mm microfilm aperture cards, are scanned and transformed into digitally-encoded image data. After an image quality control review, the digital **images** are **compressed** and recorded on laser optical disks. The stored images are maintained on-line by automatic disk-changing and playing machines that can hold many disks at a time. Once stored on a disk, any image can be rapidly retrieved for viewing or **editing** on special graphic workstations, or they can be printed out, full-size, on high- **resolution** plotters. The system configuration is described. The image **transfer** control is described. Finally human and organizational issues in the operation of the system are discussed. (0 Refs)

Subfile: C

Descriptors: engineering computing; information retrieval systems; optical disc storage

Identifiers: Optical Disk Jukebox; GE Turbine Business Operations; GE-TBO ; Automated Document Storage and Retrieval System; ADSRS; engineering drawings; digitally-encoded image data; image quality control review; laser optical disks; automatic disk-changing; special graphic workstations; high-**resolution** plotters; image **transfer** control

Class Codes: C7400 (Engineering); C5320K (Optical storage); C7250L (Non-bibliographic systems)

**14/5/9 (Item 9 from file: 2)**

DIALOG(R)File 2:INSPEC

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04212014 INSPEC Abstract Number: A88107315, B88061656, C88053623

**Title: Processing, compression and transmission of satellite IR data for near-real-time use at sea**

Author(s): Cornillon, P.; Evans, D.; Brown, O.B.; Evans, R.; Eden, P.; Brown, J.

Author Affiliation: Graduate Sch. of Oceanogr., Rhode Island Univ., Kingston, RI, USA

Journal: Journal of Atmospheric and Oceanic Technology vol.5, no.2 p.320-7

Publication Date: April 1988 Country of Publication: USA

CODEN: JAOTES ISSN: 0739-0572

Language: English Document Type: Journal Paper (JP)

Treatment: Practical (P)

Abstract: A method for acquisition, processing and analysis of digital, satellite-derived SST fields on a research vessel at sea in near-real-time (within 10 h of the satellite pass) is discussed. Such imagery provides a general view of the SST field over a large area (700\*900 km) centered on a 128\*128 pixel, full- **resolution** view of the study area. The ability to **send** these images to the research vessel in a reasonable amount of time (about 1 h using ATS-3) was a result of a three-level approach to data compression. To perform data **compression**, first, the overall **image** was decimated by 2 while the central 128\*128 pixel portion was retained in full **resolution**. Second, a 1-bit-deep cloud mask was derived from the image. Third, the remaining SST values were encoded as SST steps from the previous pixel on a given scan line. Overall, the data were reduced by 75%-80%. An error-correcting protocol, KERMIT, was used to establish low error rate data communications through the ATS-3 VHF links. A moderate capability digital display unit facilitates display and **manipulation** of the resultant imagery. (5 Refs)

Subfile: A B C

Descriptors: computerised picture processing; data acquisition; data communication systems; data compression; geophysics computing; oceanographic techniques; remote sensing

Identifiers: ocean; sea surface temperature; remote sensing; satellite IR data; near-real-time; acquisition; processing; data compression; image; cloud mask; error-correcting protocol; KERMIT; data communications; ATS-3 VHF links; digital display unit; **manipulation**

Class Codes: A0650D (Data gathering, processing, and recording, data displays including digital techniques); A9210M (Thermohaline structure and circulation); A9365 (Data acquisition and storage); A9385 (Instrumentation and techniques for geophysical research); B6140C (Optical information processing); B7210G (Data acquisition systems); B7710D (Oceanographic and hydrographic measurement techniques and equipment); C5260B (Computer vision and picture processing); C7340 (Geophysics)

14/5/10 (Item 10 from file: 2)

DIALOG(R)File 2:INSPEC

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03911375 INSPEC Abstract Number: C87042888

**Title:** The effect of pre-processing on image compression

Author(s): Cookson, J.; Thoma, G.

Author Affiliation: Lister Hill Nat. Center for Biomed. Commun., Nat. Libr. of Med., Bethesda, MD, USA

Journal: Proceedings of the SPIE - The International Society for Optical Engineering vol.638 p.139-47

Publication Date: 1986 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

Conference Title: Hybrid Image Processing

Conference Sponsor: SPIE

Conference Date: 1-2 April 1986 Conference Location: Orlando, FL, USA

Language: English Document Type: Conference Paper (PA); Journal Paper (JP)

Treatment: Practical (P)

Abstract: The Lister Hill National Center for Biomedical Communications, the National Library of Medicine's research division, is currently engaged in studying the application of electronic document storage and retrieval (EDSR) systems to a library environment. To accomplish this, an EDSR prototype has been built and is currently in use as a laboratory test-bed. The system consists of CCD scanners for document digitization, high **resolution** CRT document displays, hardcopy output devices, and optical

and magnetic disk storage devices, all under the control of a PDP-11/44 computer. Prior to storage and transmission, the captured document images undergo processing operations that **enhance** their quality, eliminate degradations and remove redundancy. It is postulated that a 'pre-processing' stage that removes extraneous material from the raw image data could improve the performance of the processing operations. The processing operation selected to prove this hypothesis is **image compression**, an important feature to economically extend on-line image storage capacity and increase image **transfer** speed in the EDSR system. (3 Refs)

Subfile: C

Descriptors: computerised picture processing; data compression; information retrieval systems; records management

Identifiers: records management; data compression; electronic document storage and retrieval systems; computerised picture processing; pre-processing; **image compression**; Lister Hill National Center for Biomedical Communications; CCD scanners; document digitization; CRT document displays; PDP-11/44 computer; image **transfer** speed

Class Codes: C1250 (Pattern recognition); C5260 (Digital signal processing); C6130 (Data handling techniques); C7250L (Non-bibliographic systems)

**14/5/11 (Item 1 from file: 35)**

DIALOG(R)File 35:Dissertation Abs Online  
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01577626 ORDER NO: AADNN-18132

**VARIABLE RESOLUTION VISION: BIOLOGICALLY-MOTIVATED FOVEAL COMPRESSION AND PRIORITIZATION (ATM-BASED)**

Author: WIEBE, KEVIN JAMES

Degree: PH.D.

Year: 1996

Corporate Source/Institution: UNIVERSITY OF ALBERTA (CANADA) (0351)

Adviser: ANUP BASU

Source: VOLUME 58/05-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 2519. 162 PAGES

Descriptors: COMPUTER SCIENCE ; ARTIFICIAL INTELLIGENCE

Descriptor Codes: 0984; 0800

ISBN: 0-612-18132-4

Computer Vision shares its interest in investigating animate behaviour and biological processes with other disciplines within the field of artificial intelligence (AI). Our research focuses on two aspects of biological vision and applies the knowledge gleaned from nature to appropriate computer vision situations. Both variable **resolution image compression** and spatially variant **image** data prioritization are present within animate visual systems and these concepts can be effectively **transferred** to **enhance** several computer applications.

In the area of digital **image compression**, new techniques are required to overcome significant storage and transmission problems in computer vision. A strong understanding of image characteristics enhances the effectiveness of **compression** and many other **image** processing operations. Traditional methods have maintained a constant **resolution** throughout an image. However, a survey of the various visual systems present in the animal kingdom demonstrates the potential of Variable **Resolution** (VR) compression methods. The author models several animate visual systems and outlines novel **image compression** techniques based on foveated vision. Interesting variations on the simple fovea are proposed, motivated by similar variations present in animate visual

systems--specifically multiple, dynamic and weighted foveae, and visual streaks. Techniques for efficient modelling of fovea movement are also described.

The other topic discussed is the prioritization of image data. A fundamental drawback to increasingly popular ATM-based switching is the possibility of information loss with congestion. We demonstrate that with intelligent, fovea driven priority assignment of image data, we can reduce the negative impact of information loss over ATM networks. ATM standards allow a single bit to indicate high or low packet priority. To reduce the effect of this restriction we introduce the concept of priority dithering. Network multimedia multicast scenarios over heterogeneous link capacities where foveal prioritization would be of benefit are described. Included are network simulation results of this method, which demonstrate the advantages of priority dithered foveal prioritization over traditional methods.

Utilizing our knowledge of biological vision systems provide us with insights into new developments in the areas of **image compression**, **image** transmission, videophones, multimedia, teleconferencing, and telepresence. Original, substantive research is presented.

14/5/12 (Item 2 from file: 35)  
 DIALOG(R)File 35:Dissertation Abs Online  
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01509812 ORDER NO: AADNN-09418  
**WAVELET/TRANSFORM CODING OF VIDEO SIGNALS FOR ATM ACCESS**  
 Author: BARAZANDE-POUR, MAJID  
 Degree: PH.D.  
 Year: 1995  
 Corporate Source/Institution: UNIVERSITY OF WATERLOO (CANADA) (1141)  
 Adviser: JON W. MARK  
 Source: VOLUME 57/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
 PAGE 3919. 171 PAGES  
 Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL  
 Descriptor Codes: 0544  
 ISBN: 0-612-09418-9

In this thesis a new orthogonal transformation called MHDCT (Modified Hadamard-structured Discrete Cosine Transform) is proposed. The proposed transformation combines the salient features of the Hadamard transform and the discrete cosine transform to obtain a good complexity-performance tradeoff. The complexity of the transformation is less than the complexity of the DCT, but it provides a performance quite close to that of DCT. A fast algorithm is proposed for MHDCT implementation. Using the proposed fast algorithm, the complexity of the transformation has been evaluated and compared with that of the DCT. Different comparison measures have been used to compare the performance of the MHDCT with that of the DCT for a one-dimensional Markov source.

Then, the MHDCT is extended to **compress** two-dimensional **image** signals. To **enhance** coding performance, the MHDCT is concatenated with wavelet transform (WT) to provide a two layer image coding system. As the outer code, the WT decomposes the **image** signals into uncorrelated **low resolution** and detailed signal and detailed signal components. As inner codes, the MHDCT adaptively encodes the low **resolution** and detailed signals.

The structure of the adaptive MHDCT and PCM has been used to progressively **transmit** each of the low **resolution** and detailed signals separately. A salient feature of the proposed progressive method is that no overhead information is necessary.

Finally a hybrid motion compensation transform coding method with

MHDCT is used to encode the video signals. The performance of the video coding system has been compared to the MPEG standard and it is shown that, although the MHDCT is a low complexity transformation, it provides a good performance for video coding.

14/5/13 (Item 3 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online  
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01291826 ORDER NO: AAD93-13620

**MODEL-BASED IMAGE/VIDEO INTERPOLATION WITH APPLICATIONS TO ADVANCED TELEVISION (EDGE DETECTION)**

Author: JENSEN, DARYL KRISTIAN

Degree: PH.D.

Year: 1992

Corporate Source/Institution: COLUMBIA UNIVERSITY (0054)

Adviser: DIMITRIS ANASTASSIOU

Source: VOLUME 54/01-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 405. 129 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL

Descriptor Codes: 0544

Model-based nonlinear interpolation algorithms for both still-frame image **resolution** enhancement and digitally assisted deinterlacing for compatible EDTV broadcasting are presented. The former relies upon the use of local edge modeling, a topic for which new results have been obtained.

Linear interpolative techniques are incapable of restoring high frequency information which has been lost during subsampling, however, by utilizing a feature-based image source model it is possible to defeat the limitations imposed by sampling theory and predict a portion of an image's super-Nyquist frequency spectrum through an analysis of its lower frequency characteristics. In this thesis, emphasis is placed upon the sub-pixel localization of detected step-edge boundaries in the **low - resolution image** so as to maintain their visual integrity during the spatial **zoom**. A low-complexity edge-fitting operator designed for implementation over small window sizes has been developed for this application. Still-frame interpolation in this manner results in an image of increased **resolution** with noticeably sharper edges and, in all tried cases, lower mean-squared reconstruction error than produced by standard linear techniques.

Utilizing the rigid moving body assumption employed in block-motion estimation, a compatible EDTV broadcasting technique providing for the digitally assisted interpolation of the missing scan lines of interlaced image sequences is also developed considering requirements such as low receiver complexity, high **compression**, and good **image** quality. An auxiliary digital stream of compressed data, consisting of coded motion and reconstruction mode information, which could be **transmitted** within the existing blanking intervals of a standard interlaced broadcast, can be used to greatly improve the quality of received television images. Coding operations for the deinterlacing process are implemented on a block basis, over which a limited quad-tree segmentation is applied to **enhance** reconstruction quality where possible. Simulation results are also presented, demonstrating that compression of the block segmented motion and interpolation instructions in this manner enables high quality progressive image representation within the constrained transmission environment of the traditional interlaced broadcast.

14/5/14 (Item 4 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online  
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01182782 ORDER NO: AADD--93724

**ELECTRONICALLY GENERATED CARTOONS (SKETCHES, IMAGE TRANSMISSION)**

Author: HANNA, ELIAS ISSA

Degree: PH.D.

Year: 1990

Corporate Source/Institution: UNIVERSITY OF ESSEX (UNITED KINGDOM) (0873  
)

Source: VOLUME 52/06-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 3207. 214 PAGES

Descriptors: ENGINEERING, ELECTRONICS AND ELECTRICAL; COMPUTER SCIENCE

Descriptor Codes: 0544; 0984

Available from UMI in association with The British Library. Requires signed TDF.

This thesis is concerned with 2-level, feature extracted, electronically generated cartoons. It comprises part review, part analysis and part application and usage for low-bit-rate coding.

A set of psychological experiments designed to **enhance** our understanding of the theory underlying the generation of cartoons emphasised both the importance and advantages of valley/edge detection for the generation of such highly-recognizable sketches.

A novel real-time two-way digital signal processing-based videophone, capable of **transmitting** moving, cartoon-type images over a standard single telephone line is discussed. The compressed data are **transmitted** over the ordinary public switched telephone network via a commercially-available standard modem. The acceptability and usability of the system as a communication aid for the deaf was assessed subjectively with a number of profoundly deaf volunteers. The results obtained emphasise the need and importance of such a system as a communication aid for the deaf.

An original narrow band visual communication system capable of **transmitting** low- **resolution** (64 x 64 or 100 x 100) grey-level (and possibly colour) images is also discussed. The bandwidth reduction is attained by modelling the video signal with a two-component model. The first component is the cartoon sketch derived as before from the grey-level image by valley/edge detection. The second component is generated by using the cartoon as a sampling template to sample the grey-level image, so that samples of the original image are taken at the cartoon lines. Thus the **compression** of the **picture** data itself will arise through an approximation of the original image by interpolation between the sample points of the cartoon.

**14/5/15 (Item 1 from file: 583)**

DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06640895

TV phone runs over PHS

JAPAN: NEW TV PHONE FROM KYOCERA  
Telecom Sources (XED) Apr 1998 P.67  
Language: ENGLISH

Kyocera Corp of Japan has released a new TV phone, VP-110, that uses PHS. The 300 gm phone uses 1.5 W of power and runs continuously for 30 minutes. The LCD can also be divided into half to feature both parties during a TV conference. The LCD panel can also be used as a viewfinder to shoot still colour **images**. The camera features a **low resolution** of 80,000 colour

elements CMOS sensor in a cylindrical camera head unit which is able to **rotate** to a maximum of 210 degrees. This facilitates the transmission of images. JPEG images are kept in an internal flash memory that can be **transmitted** over the POTS and PHS networks.

COMPANY: KYOCERA

PRODUCT: Computers & Auxiliary Equip (3573); Communications Eqp ex Tel (3662); Telecom Subscriber Equipment (3661TS);  
EVENT: Product Design & Development (33);  
COUNTRY: Japan (9JPN);

**14/5/16 (Item 2 from file: 583)**

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06316792

Kodak to Unveil New System To **Edit** and **Transmit** Images  
US: IMPROVED IMAGE SYSTEM AT KODAK  
Wall Street Journal Europe (WSJ) 30 May 1996 p.4  
Language: ENGLISH

A new technology system that allows for a quicker electronic transmission of photographic images has been developed by Microsoft, a software firm, and the photographic firm Kodak, both from the US. Its named Nifty and it is able to work quicker because it **sends** the **picture** in a **low-resolution** form, which requires less memory, and only creates **high-resolution** versions at the other end. In the same way it is also able to allow the **manipulation** of images by computers to be done faster. The full details of the new technology are expected to be revealed soon.

COMPANY: MICROSOFT; KODAK

PRODUCT: Colour Film (3861CF); Instruments & Related Products (3800);  
Computer Services (7370);  
EVENT: Product Design & Development (33);  
COUNTRY: United States (1USA);

**14/5/17 (Item 3 from file: 583)**

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03910107

DEVELOPMENTS IN NEWSPAPER PUBLISHING METHODS  
EUROPE - DEVELOPMENTS IN NEWSPAPER PUBLISHING METHODS  
Information World Review (IWR) 0 December 1990 p12  
ISSN: 0950-9879

An experiment is being carried out to examine ways in which newspapers could be created in different locations throughout Europe. Experimental editorial offices are to be set up in Cambridge, UK, Paris, France, and possibly Berlin, Germany, by a group of newspaper technology experts from Mirror Group Newspapers and members of the EC project, DIMPE. These offices will test the attractiveness as well as the technical possibility for reporters, **editors** and sub-**editors** to access a remote image and text database. High-speed telecommunications will be used to move text, **low-resolution** **pictures**, layout and partially made-up sections of a newspaper across Europe for local text and picture **editors** to add to and

assemble. Newspapers can then be **sent** back to a central editorial facility for assembly into the complete publication, or alternatively **sent** direct to a printing works for the printer to assemble the newspaper from the various sources. ISDN will be a crucial factor in this project since it operates around 30 times faster than most data lines, and will allow more colour to be incorporated in newspapers. Article discusses the DIMPE project in some detail, as well as likely developments in newspaper publishing in Europe.

PRODUCT: Newspaper Publishing (2711NU); Facsimile Equipment (3662FX);  
Facsimile Services (4811FS);

EVENT: LAND USE/PURCHASE/SALES (41);

COUNTRY: European Community (4EC); United Kingdom (4UK); OECD Europe (415); European Economic Community Countries (419); NATO Countries (420); South East Asia Treaty Organisation (913);

Set        Items        Description  
S1        1541481      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
              OR JPG OR JPEG  
S2        933785        TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
              WNLOAD? OR COPY???  
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              OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
              GAPIXEL?)  
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              RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
S6        22001        S3 (4N) S1  
S7        14122        S5 (4N) S1  
S8        1948        S2 AND S6  
S9        112        S8 AND S4  
S10        2        S9 AND S7  
S11        2        S10 AND S5  
S12        23        S9 AND RESOLUTION  
S13        18        S12 NOT PY>2000  
S14        17        RD (unique items)  
S15        6070        PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
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File      99:Wilson Appl. Sci & Tech Abs 1983-2006/Apr  
              (c) 2006 The HW Wilson Co.  
File      474:New York Times Abs 1969-2006/May 25  
              (c) 2006 The New York Times  
File      475:Wall Street Journal Abs 1973-2006/May 25  
              (c) 2006 The New York Times  
File      583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
              (c) 2002 The Gale Group

**17/5/1 (Item 1 from file: 2)**  
 DIALOG(R)File 2:INSPEC  
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09605670 INSPEC Abstract Number: B2005-11-6135-372, C2005-11-5260B-474  
**Title:** Image compression with interpolation in wavelet-transform domain  
 Author(s): Wei-Pin Lin; Chih-Ming Chen; Yung-Chang Chen  
 Author Affiliation: Dept. of Electr. Eng., Nat. Tsing Hua Univ., Hsinchu, Taiwan  
 Conference Title: IEEE International Symposium on Circuits and Systems (ISCAS) (IEEE Cat. No. 05CH37618) Part Vol. 3 p.2084-7 Vol. 3  
 Publisher: IEEE, Piscataway, NJ, USA  
 Publication Date: 2005 Country of Publication: USA 6 vol. (cclxxxix+6335) pp.  
 ISBN: 0 7803 8834 8 Material Identity Number: XX-2005-01087  
 U.S. Copyright Clearance Center Code: 0-7803-8834-8/05/\$20.00  
 Conference Title: IEEE International Symposium on Circuits and Systems (ISCAS)  
 Conference Date: 23-26 May 2005 Conference Location: Kobe, Japan  
 Language: English Document Type: Conference Paper (PA)  
 Treatment: Practical (P)  
 Abstract: Wavelets are being used in a number of different applications such as **image enlargement** and **image compression**. In **order** to benefit both applications, we propose a method to estimate the high pass output from the low pass one. Using the predicted high pass output, we would be able to enlarge an image superior to other compared interpolation methods in many situations. Moreover, we utilize the predicted sub-band for a wavelet image coder. It is shown that by using this proposed method we can profit both **image enlargement** and its **compression**. (7 Refs)  
 Subfile: B C  
 Descriptors: image coding; image reconstruction; image resolution; interpolation; wavelet transforms  
 Identifiers: resolution enhancement; **image compression**; wavelet-transform domain interpolation; image enlargement; high pass output estimation; wavelet image coder  
 Class Codes: B6135 (Optical, image and video signal processing); B0290F (Interpolation and function approximation (numerical analysis)); B0290X (Integral transforms in numerical analysis); C5260B (Computer vision and image processing techniques); C4130 (Interpolation and function approximation (numerical analysis)); C4188 (Integral transforms in numerical analysis)  
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**17/5/2 (Item 2 from file: 2)**  
 DIALOG(R)File 2:INSPEC  
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08962903 INSPEC Abstract Number: B2004-06-6210R-047, C2004-06-5260B-474  
**Title:** Efficient mobile imaging using emphasis image selection  
 Author(s): Jiebo Luo; Amit Singhal; Savakis, A.  
 Author Affiliation: Eastman Kodak Co., Rochester, NY, USA  
 Conference Title: Final Program and Proceedings of the Digital Photography Conference 2003 p.355-9  
 Publisher: Soc. for Imaging Sci. and Technol, Springfield, VA, USA  
 Publication Date: 2003 Country of Publication: USA xxiv+576 pp.  
 ISBN: 0 89208 245 3 Material Identity Number: XX-2004-00126  
 Conference Title: Final Program and Proceedings of the Digital Photography Conference 2003  
 Conference Sponsor: Agfa Gevaert Group; Applied Sci Fiction; Eastman

Kodak Company; Fuji Photo Film Company, Ltd.; Hewlett Packard; Konica Corporation; Lexmark International; Polaroid Corporation; Rochester Inst. of Tech.; Xerox Corporation

Conference Date: 13-16 May 2003 Conference Location: Rochester, NY, USA

Language: English Document Type: Conference Paper (PA)

Treatment: Practical (P)

Abstract: Mobile imaging helps realize "any time, anywhere" visual communication by allowing consumers to capture, review, share, and print pictures via mobile devices while "on the go". However, major technical challenges exist in bandwidth, power consumption, display and other areas. As a result, the limited resources available in mobile imaging need to be utilized in an intelligent and effective fashion. To this end, we propose to use emphasis image selection (EIS), which automatically selects the most important image, i.e., the one that should receive the most attention or special treatment, given a set of photographic images that typically belong to the same event. Images from a film **photofinishing** order or a digital camera memory card are first clustered into groups of related to different events based on metadata and image content. Emphasis images are selected to provide a summary of the group content and are sent to mobile devices for preview, sharing, browsing, and printing. Emphasis images also receive favorable treatment in **image** rendering, **compression** and transmission. Experimental results using consumer pictures are presented to demonstrate the efficacy of the proposed system. (14 Refs)

Subfile: B C

Descriptors: image classification; image processing; mobile communication; mobile handsets; multimedia communication; pattern clustering; rendering (computer graphics)

Identifiers: mobile imaging; emphasis image selection; visual communication; mobile devices; power consumption; photographic images; film **photofinishing** order; digital camera memory card; metadata; image content; image rendering; **image compression**; image transmission; EIS

Class Codes: B6210R (Multimedia communications); B6250F (Mobile radio systems); B6135 (Optical, image and video signal processing); C5260B (Computer vision and image processing techniques); C6130M (Multimedia); C6130B (Graphics techniques)

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17/5/3 (Item 1 from file: 99)  
 DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
 (c) 2006 The HW Wilson Co. All rts. reserv.

2032539 H.W. WILSON RECORD NUMBER: BAST98065480  
**USGS unveils TerraServer, expands business partners**  
 GIS World v. 11 no9 (Sept. 1998) p. 24  
 DOCUMENT TYPE: Feature Article ISSN: 0897-5507 LANGUAGE: English  
 RECORD STATUS: Corrected or revised record

ABSTRACT: TerraServer is a World Wide Web-based database containing over 4 terabytes of **compressed** aerial and satellite **images** that was launched by the U.S. Geological Survey, Reston, Virginia; Microsoft, Redmond, Washington; and Aerial Images, Raleigh, North Carolina. Users can download and view geographic images of near 1-meter resolutions using TerraServer. Digital files and high quality **prints** can be **ordered** from the TerraServer web site at <http://www.terraserver.microsoft.com/>.

DESCRIPTORS: Geological databases; Satellite imagery; Web sites; Geological Survey (U.S.);

**17/5/4 (Item 1 from file: 583)**  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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05652210  
Image-editing software  
UK - REVIEW OF IMAGE-EDITING SOFTWARE  
Computing (CNG) 14 January 1993 p23-24

UK: During the last two years, a range of image-editing packages that run on 386 and 486 PCs have become available, allowing users to carry out such operations as modifying images to enhance their visual appeal. A 2-page article looks at some of the PC image-editing packages available and at the functions they offer and discusses the use of such software by Mowlem (UK), engineering and construction group, the British Academy, national academy for the humanities and social sciences, and Peter Crowther, freelance illustrator. Applications for PC image-editing packages include converting an image from one file format to another, capturing photographic images from a scanner or other application and then modifying it, turning a colour image into black and white, producing colour negatives, making images look embossed and turning images into posters. The article describes some of the features of PC image-editing packages and discusses **image** data **compression** methods before giving details of Photoshop for PC or Mac from Adobe, Photostyler 1.1a for PC from Aldus, Image Assistant from Caere, Halo Desktop Image from Media Cybernetics, Picture Publisher 3.1 for PC from Micrografx and **PhotoFinish** 2.0 from WordStar.\*\*

PRODUCT: Document Image Management Software (7372DM);  
EVENT: PRODUCT REVIEW (30); PRODUCT APPLICATIONS (34);  
COUNTRY: United Kingdom (4UK); OECD Europe (415); European Economic  
Community Countries (419); NATO Countries (420); South East Asia Treaty  
Organisation (913);

**17/5/5 (Item 2 from file: 583)**  
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05362037  
WORDSTAR, ZSOFT ENHANCE **PHOTOFINISH** WINDOWS EDITOR  
US - WORDSTAR, ZSOFT ENHANCE **PHOTOFINISH** WINDOWS EDITOR  
Computergram International (CGI) 6 October 1992 p5  
ISSN: 0268-716X

WordStar International and its ZSoft (Atlanta, GA) acquisition have announced the latest release of their Windows image editor, **PhotoFinish** 2.0. It features automated scanning and enhancing, free PhotoLibrary comprising 24-bit business images, Image Viewer file manager, simpler placement and editing functions, 14 new filters, **JPEG Compression**; calibration technology for colour adjustment and enhanced Help facilities. It costs USD1r200; or USD1r69 for **PhotoFinish** and CorelDraw 3.0 upgrades.\*

COMPANY: WORDSTAR INTERNATIONAL; ZSOFT

PRODUCT: Word Processing Software (7372WP); Computer Software (COSW);  
Document Image Management Software (7372DM);  
EVENT: NEW PRODUCT EXTENSION (33);  
COUNTRY: United States (1USA); NATO Countries (420); South East Asia  
Treaty Organisation (913);

Set        Items        Description  
S1        2734204      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
              OR JPG OR JPEG  
S2        5629502      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
              WNLOAD? OR COPY???  
S3        116184        (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
              OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
              GAPIXEL?)  
S4        2711798        MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
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S5        48417         (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
              RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
S6        4246         S3 (3N) S1  
S7        19857        S5 (3N) S1  
S8        1045         S2 (S) S6  
S9        297         S8 (2S) S4  
S10      68         S9 (4S) S7  
S11      34         S10 NOT PY>2000  
S12      33         RD (unique items)  
File 20:Dialog Global Reporter 1997-2006/May 26  
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**12/3,K/1**

DIALOG(R)File 20:Dialog Global Reporter  
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14163473 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**The Christmas digital threat**

DAVID HELLABY

CANBERRA TIMES , CT ed, p19

December 11, 2000

JOURNAL CODE: WCTS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 956

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... a 15cm 10cm print) and uses a USB port to connect to your computer to **download** the images.

But if you really want to splash out there is Canon's new...

... quality movies and stills and comes with everything from an image stabiliser and 40 digital **zoom** to multimedia special effects and a complete virtual dubbing studio.

It is yours for \$3699.

**12/3,K/2**

DIALOG(R)File 20:Dialog Global Reporter  
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13353300 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Qmedia Breaks the 'Sonet Barrier' With mediaTAL/Q(TM)**

PR NEWSWIRE

October 18, 2000

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 835

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Statements in this release should be evaluated in light of these important factors.

/NOTE TO **EDITORS** : High and low **res images** of Qmedia principal Russ Hamm are available for **download** at <http://www.qmedia.net/russ...>

**12/3,K/3**

DIALOG(R)File 20:Dialog Global Reporter  
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13096068 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Good results at a fair price**

CANBERRA TIMES , CT ed, p14

October 02, 2000

JOURNAL CODE: WCTS LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 535

... a number of lighting conditions, and white balance can be controlled manually. The 2 optical **zoom** lens (32-64mm, 35mm equivalent) will give a focused shot as close as 12cm. However...

... medium, and the 16Mb card provided with the camera can store as few as

six **high - res** (20481536 **pixels**) **images** or as many as 176 low-res (640480 pixels) images, depending on which of the...

... as well as stitching panoramas together. Alternatively, the images can be loaded directly into image- **editing** programs such as Adobe Photoshop with a PowerShot plug-in. Canon throws in a **copy** of Adobe Photo Deluxe to do the job if you want to tweak your images...

**12/3,K/4**

DIALOG(R)File 20:Dialog Global Reporter  
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11182124 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**HOW BABY BLAIR NEARLY DREW A BLANK**

EVENING STANDARD

May 24, 2000

JOURNAL CODE: FES LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 406

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... The agency had planned to release low-resolution pictures on a website at 3pm, with **high - resolution** **images** available to the press via e-mail shortly after. But the website pictures didn't...

... until 6pm. With little over an hour to go until deadline, the Mirror's picture **editor** Ian Down was staring at a page filled with low-resolution pictures. Like others, he was finally forced to **send** out a dispatch rider to grab a computer disk from the agency.

It was 7...

**12/3,K/5**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

08817490 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**LOCKHEED MARTIN: Lockheed Martin Terra earth observing system spacecraft launched successfully**

M2 PRESSWIRE

December 21, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 879

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

NOTE TO EDITORS: **High** and low **resolution** **images** of the Terra spacecraft are available for **downloading** at the following URL:  
<http://lmms.external.lmco.com/photos/civil...>

**12/3,K/6**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

08723269 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**LOCKHEED MARTIN: Lockheed Martin Terra earth observing system spacecraft**

**readied for Dec launch**  
M2 PRESSWIRE  
December 15, 1999  
JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 861

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

NOTE TO EDITORS: **High** and low **resolution images** of the Terra spacecraft are available for **downloading** at the following URL:

-0-

(C)1994-99 M2 COMMUNICATIONS LTD CONTACT: Buddy Nelson Tel: +1...

**12/3,K/7**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

08702428 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Lockheed Martin Terra Earth Observing System Spacecraft Readied for December Launch**

BUSINESS WIRE

December 14, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 873

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

Note to Editors: **High** and low **resolution images** of the Terra spacecraft are available for **downloading** at the following URL:  
<http://lmms.external.lmco.com/photos/civil...>

**12/3,K/8**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

08253340 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Dollars and Sense: PrimeCo Offers Best Buy for Roamers; Flat Rate \$.15 Roaming Believed to Be Lowest in the Marketplace**

PR NEWSWIRE

November 16, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 438

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... section, located in the company's Digital News Room site. The Multimedia Art section includes **high** - and **low** - **resolution photos** of PrimeCo executives, products, retail environments, innovative antenna locations, as well as artwork for the...

**12/3,K/9**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

07926918 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Mslide Turns Up Online Photo Sharing With Free Streaming Slideshows**

PR NEWSWIRE

October 26, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 829

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... way up to high resolution images of 1.5MB. The optimization feature automatically converts and **compresses images** into streamable **JPEG** files between 10-14KB. The Mslide Engine generates files to play in RealNetworks RealPlayer G2...

**12/3,K/10**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

06688481 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**KODAK: Kodak's DC280 zoom digital camera delivers fast, responsive and sophisticated performance**

M2 PRESSWIRE

August 13, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 164

...x 10-inch prints. A 20 MB CompactFlash card, included, can store 32 best compression, **high - resolution images** and its USB connectivity lets the user **download** digital files in seconds.

Whether using the camera for business or personal use, its intuitive ...

... with a built-in automatic flash and offers a 2X (30 - 60 mm equivalent) optical **zoom**, which can be digitally extended to 6X. In addition, the DC280 features

**12/3,K/11**

DIALOG(R)File 20:Dialog Global Reporter

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06498293 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**IQ in Vision Launches IQeyel, PC-Independent Digital Web Server Camera**

BUSINESS WIRE

August 02, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1102

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Gross, vice president of IQ in Vision. "With its ability to capture, compress and transmit **high - resolution** color **images**, the IQeyel is both a smart camera and a smart choice for traffic, industrial and..."

... any application. JPEG compression also reduces image size and transmission costs. And the camera can **transfer** these image files to a large webserver via standard ftp networking protocol. For most applications

...

**12/3,K/12**

DIALOG(R)File 20:Dialog Global Reporter  
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05939673 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**PrimeCo Implements Unique Approach to Become Y2K Ready; End-to-End Testing Lab on Par With Y2K Programs of Fortune 500 Companies**

PR NEWSWIRE

June 28, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 441

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Multimedia Archive, located in the company's Digital News Room site. The Multimedia Archive includes **high - and low - resolution photos** of PrimeCo executives, products, retail environments, innovative antenna locations, as well as artwork for the...

**12/3,K/13**

DIALOG(R)File 20:Dialog Global Reporter  
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05561541 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**LOCKHEED MARTIN: Lockheed Martin delivers Terra Earth Observing System spacecraft to NASA customer**

M2 PRESSWIRE

June 01, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 757

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

NOTE TO EDITORS: **High and low resolution images** of the Terra spacecraft are available for **downloading** at the following URL:  
<http://lmms.external.lmco.com/photos/civil...>

**12/3,K/14**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

05302215 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Hasbro Interactive Races Ahead With NASCAR**

BUSINESS WIRE

May 13, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 766

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... be captured with Hasbro Interactive's NASCAR Digital Camera. This cool new camera takes 28 **high - resolution photos** or 80 low-resolution images -- which can be easily **downloaded** to a Microsoft Windows-based PC.

The supporting software lets the user get into the picture literally. Clip art featuring top NASCAR drivers and teams can be **manipulated** so anyone can appear behind the wheel in the winner's circle. Images can even...

... sport, and Hasbro Interactive is delivering the perfect game for NASCAR enthusiasts. Trivial Pursuit NASCAR **edition** is a PC-based version of the world's greatest trivia game that features over...

**12/3,K/15**

DIALOG(R)File 20:Dialog Global Reporter  
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05205628 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Record-Breaking Quarter Has PrimeCo Gearing Up for Explosive Growth; Nearly One Quarter of a Billion Dollars Earmarked for New Expansion and Network Growth in 1999**

PR NEWSWIRE

May 05, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 575

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... section, located in the company's Digital News Room site. The Multimedia Art section includes **high** - and **low** - **resolution** **photos** of PrimeCo executives, products, retail environments, innovative antenna locations, as well as artwork for the...

**12/3,K/16**

DIALOG(R)File 20:Dialog Global Reporter  
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04969100 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Celebrate The Millennium In Your Bathing Suit: Vacation Resort Packages Available In Tampa, Florida**

PR NEWSWIRE

April 15, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 374

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... square-foot Fitness Center and European-style spa for men and women.

/EDITOR'S ADVISORY: **High** and **low** - **resolution** **photography** is available for **downloading** on Saddlebrook's web site./ /CONTACT: Al Martinez-Fonts, Jr. of Saddlebrook Resort, 813-907...

**12/3,K/17**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

04908898 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Lockheed Martin Landsat-7 Spacecraft Ready for Launch**

BUSINESS WIRE

April 09, 1999

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 628

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

Note to Editors: High and low resolution images of the Landsat-7 spacecraft are available for downloading at the following URL: [www.lmsw.external.lmco.com/photos/civil...](http://www.lmsw.external.lmco.com/photos/civil...)

**12/3,K/18**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

04806642 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Calling All Volunteers: PrimeCo Moves to Mobilize a Million During National Volunteer Month**

PR NEWSWIRE

March 30, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 705

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... section, located in the company's Digital News Room site. The Multimedia Art section includes high - and low - resolution photos of PrimeCo executives, products, retail environments, innovative antenna locations, as well as artwork for the...

**12/3,K/19**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

04732087 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Lockheed Martin Team to Support Hubble Space Telescope Servicing Mission**

PR NEWSWIRE

March 23, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 957

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

/NOTE TO EDITORS: High and low resolution images of the Hubble Space Telescope are available for downloading at the following URL: <http://www.lmsw.external.lmco.com/photos/civil...>

**12/3,K/20**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

04458023 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**LOCKHEED MARTIN: Lockheed Martin delivers Landsat7 spacecraft to NASA customer for April launch**

M2 PRESSWIRE

February 25, 1999

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 615

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

NOTE TO EDITORS: **High** and low **resolution images** of the Landsat-7 spacecraft are available for **downloading** at the following URL: <http://www.lmsw.external.lmco.com/photos/civil...>

**12/3,K/21**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

04438293 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Lockheed Martin Delivers Landsat-7 Spacecraft to NASA Customer For April Launch**

PR NEWSWIRE

February 24, 1999

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 617

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new data for thousands of scientists studying our planet and the universe.

/NOTE TO EDITORS: **High** and low **resolution images** of the Landsat-7 spacecraft are available for **downloading** at the following URL: <http://www.lmsw.external.lmco.com/photos/civil...>

**12/3,K/22**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

03715233 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Kopin and Fujifilm Microdevices Announce Digital Camera Chipset with CyberDisplays -- Chipset Ready for Delivery**

BUSINESS WIRE

December 10, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1077

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Ltd., is dedicated to design, manufacture, and marketing of electronic imaging LSI products such as **high** resolution CCD **image** sensors, **digital image compression** or video processing LSI, and Flash memory products including PCMCIA cards. As a fully authorized...

**12/3,K/23**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

03615176 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**PrimeCo Debuts Audiovox Phone in American Market; Carrier Adds Award-Winning Hyundai CDMA Handset to Its Product Line-Up**

## BUSINESS WIRE

December 01, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 824

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Multimedia Archive, located in the company's Digital News Room site. The Multimedia Archive includes **high** - and **low - resolution photos** of PrimeCo executives, products, retail environments, innovative antenna locations, as well as artwork for the...

**12/3, K/24**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

03379707 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Epson Unveils the PhotoPC 750Z Megapixel Camera, Featuring Its Revolutionary New HyPict Technology and 6X Zoom**

## BUSINESS WIRE

November 09, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1190

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... JPEG compression. This ensures that all the original pixel information collected will be utilized to **enhance** the image. Other image enhancement technologies require the original image to be JPEG compressed, **transferred** to the computer and then enhanced.

Through this method, some of the original information is...

**12/3, K/25**

DIALOG(R)File 20:Dialog Global Reporter

(c) 2006 Dialog. All rts. reserv.

03046415 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**LIVE PICTURE: Live Picture Image Server integrated with RealSystem G2 from RealNetworks**

## M2 PRESSWIRE

October 07, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 871

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the appropriate region, selects the optimal resolution, and adjusts the image compression ratio. It then **sends** the image to the RealSystem G2 Server for delivery to the RealPlayer. Individual Web users and consumers only need to load the standard RealPlayer G2 to interact with synchronized **zoom** images, text and audio. No other special plug-ins are required.

With Live Picture software...

... new SureStream feature of the RealSystem G2 to maintain the high resolution of the original **zoom** images, without worrying about exceeding the maximum bandwidth available.

Live Picture's **zoom** imaging technology is popular with a wide variety of companies, including Bloomingdale's, Four Seasons Hotels and

Resorts, Rolling Stone Network/JAMtv Corp., Spiegel, and Universal Studios. Live **Picture** technology delivers super **high - resolution images** as fast as typical JPEG images, but with crystal clarity and exceptional detail. Live Picture solutions enable users to **zoom** into the images for a closer look at products for sale on the Web to...

... Microsoft, Flashpix and IIP transmit only the image details requested, rather than sending the entire **high - resolution image**. As a result, users can click to zoom in on a photo, and in seconds...

**12/3,K/26**

DIALOG(R)File 20:Dialog Global Reporter  
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03034246 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Live Picture Image Server Integrated With RealSystem G2 From RealNetworks**  
PR NEWSWIRE

October 07, 1998 8:33

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 858

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... Four Seasons Hotels and Resorts, Rolling Stone Network/JAMtv Corp., Spiegel, and Universal Studios. Live **Picture** technology delivers super **high - resolution images** as fast as typical JPEG images, but with crystal clarity and exceptional detail. Live Picture solutions enable users to **zoom** into the images for a closer look at products for sale on the Web to...

... Microsoft, Flashpix and IIP transmit only the image details requested, rather than sending the entire **high - resolution image**. As a result, users can click to zoom in on a photo, and in seconds...

**12/3,K/27**

DIALOG(R)File 20:Dialog Global Reporter  
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02147522 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**U.S. AIR FORCE: Venezuelan air force honors Keesler squadron**

M2 PRESSWIRE

July 08, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 468

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the "gif" extension are low-resolution preview images in GIF format. The files with the "jpg" extension are **high - resolution**, print-quality **images** in JPEG format.

Use lower case for all alphabetic filename characters when downloading.

**12/3,K/28**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

01972516 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**U.S. AIR FORCE: Leadership award recognizes women's integration**

M2 PRESSWIRE

June 18, 1998

JOURNAL CODE: WMPR LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 378

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... the "gif" extension are low-resolution preview images in GIF format. The files with the "jpg" extension are **high - resolution**, print-quality **images** in JPEG format.

Use lower case for all alphabetic filename characters when downloading.

**12/3,K/29**

DIALOG(R)File 20:Dialog Global Reporter  
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01718294 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**AXPA's Xcluder Speeds Postscript Printing**

BUSINESS WIRE

May 18, 1998 8:12

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 720

...sends the necessary header information in the images that OPI needs to swap in the **high - resolution images**. Xcluder accelerates printing of documents containing any Helios EtherShare OPI images to the same speed

...

... integration of servers and networks together with Helios (<http://www.helios.com>) products. For further **editor** information please contact:

**12/3,K/30**

DIALOG(R)File 20:Dialog Global Reporter  
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01632657 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**PhotoSpin Inc. and Altamira Group Inc. Form Alliance to Bundle Altamira's Genuine Fractals 1.0 With PhotoSpin's New Collection of Royalty Free Digital Images**

BUSINESS WIRE

May 13, 1998 8:25

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 991

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... of PhotoSpin Inc. Altamira's Genuine Fractals 1.0 offers visually lossless compression for rendering **high - resolution** output **image** sizes. Termed "resolution on demand", users can encode a medium-resolution image to as small...

... without quality loss due to interpolation. "PhotoSpin's uncompressed images are an excellent source for **manipulating** high-resolution composites and maintaining their rich quality," said Dennis Aubrey,

president of Altamira Group...  
... shape and color in groupings and then rewrites these groupings in mathematical equations rather than **picture** elements (pixels). Fractal **compression** is done by recording images in equations that are iterated many times by using the...

...guarantee. Each title is a four-disk CD-ROM set consisting of 50-to-110 **high - resolution images** with prices ranging from \$189 to \$329. The cost of the Portfolio may be applied towards the purchase of the first title and upgrades are automatically **sent** out free. For Photospin's customers worldwide, every CD-ROM title is also localized with...

**12/3,K/31**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2006 Dialog. All rts. reserv.

01632590 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Agfa Announces Agreement to Distribute PhotoSpin Royalty-Free Digital Images World Wide**

BUSINESS WIRE  
May 13, 1998 8:23  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 868

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... 0. Each title is a four-disk CD-ROM set consisting of 50-to-110 **high - resolution images** with prices ranging from \$189 to \$329. The cost of the Portfolio may be applied towards the purchase of the first title and upgrades are automatically **sent** out free. For Photospin's customers worldwide, every CD-ROM title is also localized with...

**12/3,K/32**

DIALOG(R)File 20:Dialog Global Reporter  
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01538205 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Rearden Technology Ships SiteCam 2.0, Now with Dial-up Support; Full-Featured WebCam Software Now with Advanced Anti-Hijacking and Support for Multiple Video Digitizers**

BUSINESS WIRE  
May 04, 1998 9:44  
JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 935

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... cropped, rotated, and flipped for just the right presentation. SiteCam streams large and small, highly **compressed** or **high - resolution images**. Meanwhile, SiteCam can simultaneously capture time-lapse sequences, allowing an hour or an entire day...

**12/3,K/33**

DIALOG(R)File 20:Dialog Global Reporter  
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01492187 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Live Picture, Inc. and RealNetworks Collaborate to Synchronize Detailed Images with Audio Over the Web**

PR NEWSWIRE

April 28, 1998 10:0

JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 680

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... multimedia content.

Live Picture Image Servers enable anyone with a standard Web browser to view **high - resolution images** without the need for plug-ins or special client software. A range of Live Picture...

Set	Items	Description
S1	1505899	IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ? OR JPG OR JPEG
S2	1791308	TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO- WNLOAD? OR COPY???
S3	127375	(LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME- GAPIXEL?)
S4	1533670	MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR - ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM
S5	51900	(HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR RESOLUTION OR PIXEL? OR MEGAPIXEL?)
S6	6501	S3 (3N) S1
S7	17008	S5 (3N) S1
S8	1268	S2 (S) S6
S9	350	S8 (2S) S4
S10	115	S9 (4S) S7
S11	86	S10 NOT PY>2000
S12	42348	PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() - SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? - ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)
S13	1	S11 AND S12
S14	144	S9 (4S) S5
S15	6	S14 AND S12
S16	2	S15 NOT PY>2000
S17	2	RD (unique items)
File	15:ABI/Inform(R)	1971-2006/May 26 (c) 2006 ProQuest Info&Learning
File	610:Business Wire	1999-2006/May 26 (c) 2006 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2006/May 27 (c) 2006 Financial Times Ltd
File	613:PR Newswire	1999-2006/May 26 (c) 2006 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2006/May 25 (c) 2006 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2006/May 26 (c) 2006 McGraw-Hill Co. Inc

17/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01950372 45810320  
**Rimage powers picture CD production**  
Wiley, Lauren  
Emedia v12n10 PP: 12-13 Oct 1999  
ISSN: 1525-4658 JRNL CODE: LDP  
WORD COUNT: 625

...DESCRIPTORS: **Photofinishing** laboratories

...ABSTRACT: CD has been a boon to Rimage Corp., which has equipped a nationwide network of **photofinishing** labs with its automated CD recording systems. One Rimage Producer Autostar System is installed in...  
...TEXT: CD has been a boon to Rimage Corp., which has equipped a nationwide network of **photofinishing** labs with its automated CD recording systems. "The Rimage system offers the reliability and the...

...the production of Picture CD and Kodak Picture Disc, as well as to support Internet **uploads** to Kodak PhotoNet Online and to America Online's You've Got Pictures service. The equipment uses dual Intel Pentium II processor-based servers and a series of **high - resolution** (1534 x 1024) film scanners and workstations that manage all **image** processing and **compression** of digitalization products. The Autostar's automated production is designed to reduce the risk of...

...consumers try the product, they are amazed by what they can do with their pictures: **enhance**, email, download, and use other third-party software that is included on the CD," he...

17/3,K/2 (Item 1 from file: 613)  
DIALOG(R)File 613:PR Newswire  
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00201990 19991026SFTU036 (USE FORMAT 7 FOR FULLTEXT)  
**Mslide Turns Up Online Photo Sharing With Free Streaming Slideshows**  
PR Newswire  
Tuesday, October 26, 1999 08:03 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSPRICE  
WORD COUNT: 821

**Mslide Turns Up Online Photo Sharing With Free Streaming Slideshows**

TEXT:  
...streaming slideshow with family and friends.

"Our goal is to offer people an exciting online **photo sharing** tool that is both advanced and easy-to-use," said Dan Hobin, founder of Mslide...

...the  
Web.

User-friendly Interface  
Once uploaded, photos appear as thumbnail images within the Mslide **Edit**

Wizard. The simple interface allows users to select music from an online music library of...

...powerful image optimization technology, the Mslide Engine automatically creates thumbnail images for drag and drop **editing** from a wide variety of **uploaded** file types and sizes. Users can **upload** JPEG, GIF, Bit Map, Tiff and PCX file types ranging in size from digital camera default images of 50KB to Picture CD images of 500KB, all the way up to **high resolution** images of 1.5MB. The optimization feature automatically converts and **compresses images** into streamable **JPEG** files between 10-14KB. The Mslide Engine generates files to play in RealNetworks RealPlayer G2...

Set	Items	Description
S1	1505899	IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ? OR JPG OR JPEG
S2	1791308	TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO- WNLOAD? OR COPY???
S3	127375	(LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME- GAPIXEL?)
S4	1533670	MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR - ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM
S5	51900	(HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR RESOLUTION OR PIXEL? OR MEGAPIXEL?)
S6	6501	S3 (3N) S1
S7	17008	S5 (3N) S1
S8	1268	S2 (S) S6
S9	350	S8 (2S) S4
S10	115	S9 (4S) S7
S11	86	S10 NOT PY>2000
S12	42348	PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() - SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? - ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)
S13	1	S11 AND S12
S14	144	S9 (4S) S5
S15	6	S14 AND S12
S16	2	S15 NOT PY>2000
S17	2	RD (unique items)
S18	92	S12 AND S6
S19	26	S18 AND S7
S20	15	S19 NOT PY>2000
S21	15	RD (unique items)
File	15:ABI/Inform(R)	1971-2006/May 26 (c) 2006 ProQuest Info&Learning
File	610:Business Wire	1999-2006/May 26 (c) 2006 Business Wire.
File	810:Business Wire	1986-1999/Feb 28 (c) 1999 Business Wire
File	476:Financial Times Fulltext	1982-2006/May 27 (c) 2006 Financial Times Ltd
File	613:PR Newswire	1999-2006/May 26 (c) 2006 PR Newswire Association Inc
File	813:PR Newswire	1987-1999/Apr 30 (c) 1999 PR Newswire Association Inc
File	634:San Jose Mercury	Jun 1985-2006/May 25 (c) 2006 San Jose Mercury News
File	624:McGraw-Hill Publications	1985-2006/May 26 (c) 2006 McGraw-Hill Co. Inc

21/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

02037721 53969854  
**Are we there yet?**  
Hill, Julie  
Presentations v14n5 PP: 48-66 May 2000  
ISSN: 1072-7531 JRNL CODE: PRS  
WORD COUNT: 7986

...TEXT: Anything above that price range may not be worth the money, unless you need a **higher - resolution image** for print use. Altavista was the best search engine in the photo area; it rendered...missing.

Services

[www.clubphoto.com](http://www.clubphoto.com)

What's there: All the tools you need in a **photo - sharing** site and free downloadable software to help you download fast and move along. Album To...

...overheads, analog to digital or vice-versa.

[www.photoisland.com](http://www.photoisland.com)

What's there: A comprehensive **photo - sharing** site that gives each member 1 OMB of space to store pictures. Membership and storage...

...and available for purchase.

What's not: Most everything you would need in an online **photo - sharing** site is pretty much right here.

10-second tour: This seems like a fine place...

...at least \$29.99 per year for 100MB.

[www.printroom.com](http://www.printroom.com)

What's there: Another **photo - sharing** site that gives you access to album creation but for free. You can create an...

...are private or easily accessible by others.

10-second tour: It's a nice, small **photo - sharing** site that sifts through lines and lines of marketing babble to let you know what...  
...do.

[www.spinwave.com](http://www.spinwave.com)

What's there: Mainly three products that help graphics handlers optimize **images** by **compressing** files. The GIF Cruncher and JPEG Cruncher are available as downloadable desktop versions so you...

...in a cleanly arranged fashion.

What's not: If you need a better system for **compressing images** to save time and space, try these products, but the site doesn't do much...

**21/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01362006 00-12993  
**Digital cameras give your documents snap**  
Himowitz, Michael J  
Fortune v135n3 PP: 144-146; European 66-67 Feb 17, 1997  
ISSN: 0015-8259 JRNL CODE: FOR  
WORD COUNT: 983

...TEXT: Nikon-or your Brownie. No digital camera will deliver the quality you get from a **photofinisher**. What's more, unless you spend a fortune on extra memory, you can take only...

...camera can store, the more you'll pay. For a high price, you'll get **high - resolution pictures** that can be displayed or printed in large sizes without reducing image quality. Pay less...

...up to 2-by-2.3 inches. The unit's twomegabyte memory can store 14 **high - resolution pictures** or 29 **low - resolution** ones. You can double that capacity with a slidein extra-memory card (\$100).

The 47...

**21/3,K/3 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00791448 94-40840  
**Imaging technology in libraries: Photo CD offers new possibilities**  
Beiser, Karl  
Online v17n6 PP: 16-29 Nov 1993  
ISSN: 0146-5422 JRNL CODE: ONL  
WORD COUNT: 7111

...ABSTRACT: preserving, organizing, and providing access to information efficiently and inexpensively for libraries. Developed to handle **high - resolution** photographic **images** in an electronic environment, Photo CD can just as easily work with page images as...

...TEXT: that may prove capable of performing those very tasks efficiently and inexpensively. Developed to handle **high - resolution** photographic **images** in an electronic environment, Photo CD can just as easily work with page images as...

...low cost. In the case of Photo CD, the information is in the form of **high - resolution images**. Moreover, Photo CD builds on existing specifications and standards, and, in the process has created a new...

...case the photochemical basis of photography is abandoned. Photo CD offers would-be adopters of **low - resolution**, all-electronic **photography** a means by which they can have their cake and eat it too. They can...

...compatibility.

Photo CD takes full advantage of the capacity of the CD format by recording **images** at a maximum **resolution** of **2048** by **3072 pixels**. This is 26 times greater than current television standards and four times higher than

the...production of mail-order electronic catalogs, art gallery catalogs, and other applications where thousands of **images** are required, but **high-resolution** is not essential. A release date for the support software for this format has not...The less RAM that is available, the slower system performance will be when working with **high-resolution images**, since the software swaps data normally held in RAM to disk. Anyone working extensively with...on a hard disk drive. Searches on the terms provide access to information about the **image** and a **low-resolution** version of it. One may define any number of catalog files, and each can contain...an image database of textual materials seems to be the creation and preservation of a **high-resolution image**, coupled with optical character recognition (OCR) processing of the text portion of the material, and...the photo store clerk, who assumed three weeks would be required for such an "unusual" **order**. Processing and **prints** cost \$11.87, while transfer to Photo CD, plus the CD itself, were billed at...to lines-per-inch to dots-per-millimeter.

The highest of Photo CD's five **image** resolutions is **2048** by **3072 pixels**. Compare this to the 640 x 480 resolution of a plain-vanilla VGA video display...

**21/3,K/4 (Item 4 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00783464 94-32856  
**Going beyond the gold - Kodak writable media**  
Zimmer, Larry  
CD-ROM Professional v6n6 PP: 30-33 Nov 1993  
ISSN: 1049-0833 JRNL CODE: LDP  
WORD COUNT: 1413

...TEXT: for 35mm consumer photography, the original Kodak Photo CD Master disc can hold about 100 **high-resolution images**, or four 24-exposure rolls of film. The discs offer **image resolution** as **high** as 2048 x 3072 pixels--16 times as great as today's TV standards and...

...also function as a "digital negative," which means consumers can take the disc to their **photofinisher** to have prints made.

KODAK PRO PHOTO CD MASTER

Professional photographers use the Kodak Pro...

...Kodak Photo CD Catalog discs for soft display on TV sets or computer monitors. (The **images** are of **lower resolution** than standard Kodak **Photo** CD Master discs or Kodak Pro Photo CD Master discs and can't be used  
...)

**21/3,K/5 (Item 5 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

00633413 92-48353  
**CD ROM Drives: Into the Mainstream**  
Weiman, Liza  
Macworld v9n10 PP: 144-149 Oct 1992  
ISSN: 0741-8647 JRNL CODE: MAW

WORD COUNT: 3250

...TEXT: of 1992. Consumers will be able to bring in rolls of 35mm film to participating **photofinishers** and get their **photos** back as **high - resolution**, color-corrected scans on Photo CD for about \$20 for 24 images.

The scanners used...capability (see "CD ROM Drive Features"). If you bring your Photo CD back to a **photofinisher** and add another set of images to your CD, even your current Sony-based CD...

...in applications requires special software because Kodak writes images to Photo CD in a proprietary **compressed - image** format called PhotoYCC color encoding, which requires translation into standard Macintosh formats. Apple has announced...

**21/3,K/6 (Item 1 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00352942 20000829242B8420 (USE FORMAT 7 FOR FULLTEXT)  
**HP Unleashes Opportunities for Image Owners With New Print-on-Demand Poster E-service; HP Appliances and 'Always On' Internet Infrastructure Turn Digital Images into Posters**  
Business Wire  
Tuesday, August 29, 2000 12:16 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 763

...based on location, finishing needs, shipping and poster costs, and turn-around time;  
-- extracting the **low - resolution image** information and matching it with the **high - resolution image** file stored on the Team Rahal server; and  
-- assigning the job to the appropriate HP...

...website. The HP Internet print server also optimizes the printing workflow based on the poster **order** characteristics. The CPC then **prints** the poster, packages it and delivers it to the customer. The customer receives the poster...

**21/3,K/7 (Item 2 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00302578 20000616168B3838 (USE FORMAT 7 FOR FULLTEXT)  
**NewsDX.com Revolutionizes News Photo Archiving and Distribution**  
Business Wire  
Friday, June 16, 2000 13:45 EDT  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 886

...powerful search engine enables buyers to quickly locate photos categorized by topic, keyword or event. Low - resolution thumbnail images can be viewed at any time and buyers can purchase the rights to use the high - resolution images on an as-needed basis. Since there is no monthly subscription fee to browse and...

...the PhotoIsland Network System, technology first deployed and proven on PhotoIsland.com, ArcSoft's consumer photo - sharing and archiving web site. The NewsDX.com server farm supports a scalable, secure and redundant...  
...camera, printer, scanner and computer manufacturers. Besides hosting ArcSoft's own PhotoIsland.com, a consumer photo - sharing and photo-archiving site, the PhotoIsland Network System is powering some of the most interactive...

**21/3,K/8 (Item 3 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00209636 20000307067B5947 (USE FORMAT 7 FOR FULLTEXT)  
**ArcSoft Launches Media Website to Market and Distribute Breaking News Photos From Around The World**  
Business Wire  
Tuesday, March 7, 2000 08:15 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 872

...photo to complement the corresponding story."

When logging onto the NewsMX site, customers can view low - resolution thumbnail images at any time and purchase the rights to use the high - resolution images on an as-needed basis. To assure quality and authenticity, NewsMX's photo editors will...

...the PhotoIsland Network System, technology first deployed and proven on PhotoIsland.com, ArcSoft's consumer photo - sharing and archiving web site. NewsMediaExchange.Com's server farm supports a scalable, secure and redundant...  
...camera, printer, scanner and computer manufacturers.

Besides hosting ArcSoft's own PhotoIsland.com, a consumer photo - sharing and photo-archiving site, the PhotoIsland Network System is powering some of the most intriguing...

**21/3,K/9 (Item 4 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00186302 20000203034B1021 (USE FORMAT 7 FOR FULLTEXT)  
**Leadership, Partnerships and Innovation Solidify PictureVision's Position**

**as Cornerstone of Digital Imaging on the Internet**

Business Wire

Thursday, February 3, 2000 08:17 EST

JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 1,573

...the value of the PictureVision business model, one based soundly on the inclusion of the **photofinishing** industry.

"The vision of PictureVision has always been centered on the role of the **photofinisher** as the gateway for bringing digitized pictures to the Internet," says John Andrews, Director of Corporate Marketing for PictureVision, Inc.

"Our growth over the past year validates the importance of **photofinishers**, and

PictureVision's ability to work hand-in-glove with the industry to create new...

...developed

corporate Web site ([www.picturevision.com](http://www.picturevision.com)) from PictureVision serves to speak directly to the **photofinishing** industry and PictureVision's commitment to expanding the role and prominence of **photofinishers** in the new digital age.

-- PictureVision Corporate Marketing Group (CMG). Seeking to provide elevated awareness...

...uploaded for printing at any one of more than 40,000 participating Kodak PhotoNet online **photofinishing** locations worldwide.

-- NDS. PictureVision, Inc. and NDS, a leader in interactive technology, has announced a...

...connects

digital photographers to photo-finishing labs via the Internet. Users can quickly upload their **high - resolution** digital **images** to the Kodak PhotoNet online Web site, then select from a wide range of photo...

...PhotoRamp.. PMA will see PictureVision introduce a new mini digital lab that allows any size **photofinisher** to offer high demand digital imaging products and services over the Internet, CD-ROM or...leading digital products and services in a single pass. The PDS 4B-300A integrates advanced **image** processing and **compression** technology into a state-of-the-art high-speed scanner to form a complete system for digitizing 35mm and APS film. The new system allows large volume **photofinishers** to quickly and easily save images to the Internet, CD or floppy disk or as...

...directly to the site. Kodak PhotoNet online users can share their photos via email or **order** photo lab quality **prints** and customized photo gifts. Consumers can also use pictures stored on Kodak PhotoNet online in...

21/3,K/10 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0730608 BW1049

**WEB TRAVEL HP: Web Travel Review's Guidebook to Italy Takes Images on the Internet to New Heights; Guidebook to Italy Features 600 FlashPix-enabled Photographs**

August 01, 1997

Byline: Business Editors/Technology Writers

...600 images available from his travel journey libraries. Greenspun had offered visitors the ability to **order** photo-quality **prints** -- a process that took up to two weeks, prior to the implementation of the FlashPix...

...making photo-quality print outs a reality.

"HP is committed to facilitating users' access to **high - resolution images** over the Internet," stated Dr. Ira Goldstein, Hewlett-Packard's Internet technology officer. "Philip Greenspun...

...digital imaging fast, easy, and fun. The new FlashPix technology enables Web publishers to store **high - resolution images** within a hierarchically ordered set of 64 x 64-pixel tiles. It then adjusts image...

...a standard multimedia PC or Macintosh computer. Individuals can work quickly and easily with a **low - resolution image** on-screen, then access a higher-resolution version to get great-looking output.

More information...

**21/3,K/11 (Item 1 from file: 476)**  
DIALOG(R)File 476:Financial Times Fulltext  
(c) 2006 Financial Times Ltd. All rts. reserv.

0009541420 BOIFXAFAH6FT  
**COMPANIES & FINANCE: THE AMERICAS: Microsoft launches global atlas**  
ROGER TAYLOR  
Financial Times, London Edition 3 ED, P 28  
Wednesday, June 24, 1998  
DOCUMENT TYPE: Stories; NEWSPAPER LANGUAGE: ENGLISH RECORD TYPE:  
FULLTEXT  
Word Count: 178

...well as enabling individuals to download photographs of their homes.

People can browse through the **images** at a relatively low **resolution** for free. **Higher resolution pictures** can then be downloaded and **prints ordered** through Kodak for between Dollars 12 and Dollars 39.

**21/3,K/12 (Item 1 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00403984 20000829SFTU014 (USE FORMAT 7 FOR FULLTEXT)  
**Photoamerica.Com Chooses Pictureiq to Provide Core Imaging Infrastructure Technology**

PR Newswire

Tuesday, August 29, 2000 09:01 EDT

JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT

DOCUMENT TYPE: NEWSWIRE

WORD COUNT: 726

TEXT:

...customers will be able to enhance and add creativity to their personal photos prior to **ordering** photo **prints** or other photo products.

"As a key piece of our imaging infrastructure, the PictureIQ Internet ...

...images," said Richard Carter, President, photoamerica.com. "We expect our incorporation of PictureIQ will increase **prints ordered** per customer as they create different versions of their favorite photos by applying unique PictureIQ..."

...share of transaction revenues. The PictureIQ Internet Service will be integrated throughout the site's **photo** acquisition, editing, and **high - resolution** printing process. PictureIQ features will include one-touch photo fixing, red-eye removal, cropping, rotation and creative artistic effects.

PictureIQ's "resolution-on-demand" model delivers **low - resolution images** to consumers for on-screen viewing and editing, and then produces high-resolution versions at...

...of integrating the PictureIQ Internet Service as core infrastructure technology within their end-to-end **image** acquisition to **high - resolution** printing process, so that they can focus their in-house resources on building their businesses...

...of choices. The goal of photoamerica.com is to be the ultimate destination for digital **photofinishing** commerce and content. In addition to its ease of use and high-quality results, photoamerica...

...management team brings experiences from the photographic, retail and e-commerce industries with expertise in **photofinishing**, e-commerce, relationship and target marketing, and fulfillment and distribution.

CONTACT: Ann Marie Ricard of...

21/3, K/13 (Item 2 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00398937 20000821VA004 (USE FORMAT 7 FOR FULLTEXT)  
**Photochannel to Integrate Pictureiq Internet Service As Key Ingredient of Photo Sharing And Printing Infrastructure**

PR Newswire  
Monday, August 21, 2000 08:45 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 925

**Photochannel to Integrate Pictureiq Internet Service As Key Ingredient of  
Photo Sharing And Printing Infrastructure**

TEXT:

...Leading Imaging Technology Will Enable PhotoChannel Customers  
to Edit and Enhance Their Photos Online Before **Ordering Prints**

VANCOUVER, BC, and SEATTLE, WA, Aug. 21 /CNW-PRN/ - PictureIQ(TM)  
Corporation ([www.pictureiq.com](http://www.pictureiq.com)...)

...film and digital photographers. The  
PictureIQ Internet Service will be integrated throughout the site's **photo**  
acquisition, editing, and **high - resolution** printing process. PictureIQ  
features will include one-touch photo fixing, red-eye removal, cropping,  
rotation, and creative artistic effects.

``The ability to preview and edit pictures before **ordering prints**  
is a  
key difference from what consumers are used to doing with film today - and  
...

...the power to improve  
their pictures easily."

PictureIQ's ``resolution-on-demand" model results in **low - resolution**  
**images** being delivered to consumers for on-screen viewing and editing,  
while  
high-resolution versions are...

...commerce company developing an online photo  
community at [www.photochannel.com](http://www.photochannel.com) catering to its online **photofinishing**  
customers and all photography enthusiasts. The Company's PhotoChannel site  
and  
online **photofinishing** services are being developed for both conventional  
film  
and digital photographers.

Certain statements in this...

21/3, K/14 (Item 3 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00397328 20000817LATH027 (USE FORMAT 7 FOR FULLTEXT)  
Redhawk Vision Video Pics(TM) Software in Beta Test; Adobe Premiere(R)  
Plug-in Produces Print Quality Photographs from Video  
PR Newswire  
Thursday, August 17, 2000 06:01 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 514

TEXT:

...digital files that are compatible with image editing software and can be used to produce **high resolution images**, 3200 x 2400 dpi, for print work. RedHawk Vision's proprietary software takes information content...

...noise, and enhances the image color, detail and resolution of a selected frame. In addition, **high quality, low resolution images** for the Internet and other electronic media can be produced.

...professional and consumer versions of Video Pics are being designed to eventually facilitate e-commerce **photofinishing** and direct delivery of extracted photographs to users.

According to Mark Gart, RedHawk Vision's...

**21/3, K/15** (Item 4 from file: 613)  
DIALOG(R)File 613:PR Newswire  
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00201990 19991026SFTU036 (USE FORMAT 7 FOR FULLTEXT)  
**Mslide Turns Up Online Photo Sharing With Free Streaming Slideshows**  
PR Newswire  
Tuesday, October 26, 1999 08:03 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 821

**Mslide Turns Up Online Photo Sharing With Free Streaming Slideshows**

TEXT:  
...streaming slideshow with family and friends.

"Our goal is to offer people an exciting online **photo sharing** tool that is both advanced and easy-to-use," said Dan Hobin, founder of Mslide...

...default images of 50KB to Picture CD images of 500KB, all the way up to **high resolution images** of 1.5MB. The optimization feature automatically converts and **compresses images** into streamable **JPEG** files between 10-14KB. The Mslide Engine generates files to play in RealNetworks RealPlayer G2...

Set        Items        Description  
 S1        1505899      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
               OR JPG OR JPEG  
 S2        1791308      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
               WNLOAD? OR COPY???  
 S3        127375        (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
               OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
               GAPIXEL?)  
 S4        1533670      MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
               ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
 S5        51900        (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
               RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
 S6        6501        S3 (3N) S1  
 S7        17008        S5 (3N) S1  
 S8        1268        S2 (S) S6  
 S9        350        S8 (2S) S4  
 S10       115        S9 (4S) S7  
 S11       86        S10 NOT PY>2000  
 S12       42348      PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
               SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? -  
               ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)  
 S13       1        S11 AND S12  
 S14       144        S9 (4S) S5  
 S15       6        S14 AND S12  
 S16       2        S15 NOT PY>2000  
 S17       2        RD (unique items)  
 S18       92        S12 AND S6  
 S19       26        S18 AND S7  
 S20       15        S19 NOT PY>2000  
 S21       15        RD (unique items)  
 S22       616        S2 (7N) S6  
 S23       57091      S4 (4N) S1  
 S24       127        S22 (3S) S23  
 S25       67        S24 (4S) S7  
 S26       63        S25 NOT PY>2000  
 S27       12        RD (unique items)  
 File 15:ABI/Inform(R) 1971-2006/May 26  
       (c) 2006 ProQuest Info&Learning  
 File 610:Business Wire 1999-2006/May 26  
       (c) 2006 Business Wire.  
 File 810:Business Wire 1986-1999/Feb 28  
       (c) 1999 Business Wire  
 File 476:Financial Times Fulltext 1982-2006/May 27  
       (c) 2006 Financial Times Ltd  
 File 613:PR Newswire 1999-2006/May 26  
       (c) 2006 PR Newswire Association Inc  
 File 813:PR Newswire 1987-1999/Apr 30  
       (c) 1999 PR Newswire Association Inc  
 File 634:San Jose Mercury Jun 1985-2006/May 25  
       (c) 2006 San Jose Mercury News  
 File 624:McGraw-Hill Publications 1985-2006/May 26  
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**27/3,K/1 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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02096818 64862433  
**RealTimeProof a winner for Sports Illustrated in Sydney**  
Jenkins, Caroline  
Folio: the Magazine for Magazine Management v29n15 PP: 66 Dec 1, 2000  
ISSN: 0046-4333 JRNL CODE: FOL  
WORD COUNT: 758

...TEXT: Fiesta Bowl had created problems for SI. Per the usual routine, photographers in Tempe, Arizona, **sent** low- **resolution** versions of action **photos** of the game to **editors** in New York via phone lines. "There was some confusion about one file in particular," recalls Philip Jache, deputy **picture editor** at SI. "The people in New York were seeing a lowres picture and thinking it..."

...the size of the client's computer window. The technology then allows customers to view **high - resolution images** and even RIPped pages over the Internet via telephone connections.

After downloading a free plug...

**27/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
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01969170 47747189  
**Media input digital cameras & scanners**  
Anonymous  
Presentations v13n12 PP: A33-A34 Dec 1999  
ISSN: 1072-7531 JRNL CODE: PRS  
WORD COUNT: 733

...TEXT: enough for any presentation.

Once you've taken pictures with a digital camera, typically in **JPEG compressed** format, you can easily **transfer** them to your computer via a PC Card, floppy disk, Memory Stick or standard serial cable connection. There you can **edit** your **images**, **crop** them, resize them, even type captions for them, before you import them into your project...

...easiest to find a serial or USB scanner, but SCSI capability provides faster transfer of **high - resolution images** from three-chip scanners. Once you get pictures onto your computer, often directly within your **image - editing** application (such as Photoshop) you can edit, color-correct and export them in any format...

**27/3,K/3 (Item 3 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2006 ProQuest Info&Learning. All rts. reserv.

01747483 03-98473  
**PhotoPC 700**  
Spiwak, Marc  
Computer Reseller News n821 PP: 90-94 Dec 14, 1998  
ISSN: 0893-8377 JRNL CODE: CRN

WORD COUNT: 567

...TEXT: with moderate compression squeezes 15 images into memory. The standard mode captures 640 x 480 **pixel images** with **high** compression, and 50 of these 45- to 60-Kbyte images will fit in memory. Pictures...

...at 640 x 480 pixels and a panoramic mode of 1,280 x 480 pixels **crop images** while keeping file sizes to a minimum. A lens adapter included with the camera allows...

...seconds to bring up a grid of thumbnail images, about 30 seconds to download one **high - resolution image** and less time to **download** a **low - resolution image**. The camera also has a National TV Standards Committee (NTSC) video output for connection to...

**27/3,K/4 (Item 1 from file: 610)**  
DIALOG(R)File 610:Business Wire  
(c) 2006 Business Wire. All rts. reserv.

00156767 19991214348B0361 (USE FORMAT 7 FOR FULLTEXT)  
**Lockheed Martin Terra Earth Observing System Spacecraft Readied for December Launch**  
Business Wire  
Tuesday, December 14, 1999 12:26 EST  
JOURNAL CODE: BW LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 865

...furnished new data for thousands of scientists studying our planet and the universe.

Note to **Editors** : **High** and **low resolution images** of the Terra spacecraft  
are available for **downloading** at the following URL:  
<http://lmms.external.lmco.com/photos/civil--space/earth--observation--sat>  
...

**27/3,K/5 (Item 1 from file: 613)**  
DIALOG(R)File 613:PR Newswire  
(c) 2006 PR Newswire Association Inc. All rts. reserv.

00164690 19990817NYTU019 (USE FORMAT 7 FOR FULLTEXT)  
**Sony Announces Cyber-shot Pro Digital Still Camera; SLR Camera Delivers Professional Quality Features at Competitive Price**  
PR Newswire  
Tuesday, August 17, 1999 08:00 EDT  
JOURNAL CODE: PR LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
DOCUMENT TYPE: NEWSWIRE  
WORD COUNT: 910

...inch color LCD also can be used as a viewfinder  
and for playback of stored **images** for in-field **editing** .

In addition, the camera has many other professional-level features. It offers selectable center-weighted...

...and EV compensation for user control over minor exposure adjustments.

The DSC-D770 saves and **transfers** digital **images** in both **JPEG compressed** and TIFF non- **compressed** formats. **Images** are **transferred** to a PC through an industry standard PCMCIA ATA Type II memory card, or with...

...PC card adapter has fast read and write speed, allowing users to transfer or save **high resolution images** in seconds (450Kb/s write and 880 Kb/s read speeds). The MSAC-PC2 PC...

**27/3,K/6 (Item 1 from file: 813)**  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1352871 SFW035  
**Live Picture Image Server Integrated With RealSystem G2 From RealNetworks**

DATE: October 7, 1998 08:03 EDT WORD COUNT: 843

...Server automatically clips images to the appropriate region, selects the optimal resolution, and adjusts the **image compression** ratio. It then **sends** the image to the RealSystem G2 Server for delivery to the RealPlayer. Individual Web users and consumers only need to load the standard RealPlayer G2 to interact with synchronized **Zoom images**, text and audio. No other special plug-ins are required.

With Live Picture software, companies...

... new SureStream feature of the RealSystem G2 to maintain the high resolution of the original **Zoom images**, without worrying about exceeding the maximum bandwidth available.

Live **Picture** 's **Zoom** imaging technology is popular with a wide variety of companies, including Bloomingdale's, Four Seasons Hotels and Resorts, Rolling Stone Network/JAMtv Corp., Spiegel, and Universal Studios. Live **Picture** technology delivers super **high - resolution images** as fast as typical JPEG images, but with crystal clarity and exceptional detail. Live **Picture** solutions enable users to **zoom** into the **images** for a closer look at products for sale on the Web to make better informed purchasing decisions.

Live **Picture** **Zoom images** are based on the industry-standard Flashpix image file format and the Internet Imaging Protocol...

... Microsoft, Flashpix and IIP transmit only the image details requested, rather than sending the entire **high - resolution image**. As a result, users can click to **zoom** in on a **photo**, and in seconds, examine the specified area of the photo.

About Live Picture, Inc.

Live...

**27/3,K/7 (Item 2 from file: 813)**  
DIALOG(R)File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

1333258 LATU031  
**PhotoSpin Launches First Phase of E-Commerce Web Site to Display and Sell Royalty Free Digital Images (RFDI)**

DATE: September 1, 1998 08:04 EDT WORD COUNT: 888

...quality RFDI images quickly and conveniently. Late September, users will also have a choice of **downloadable images**, from **High Res TIF images** for print to **Low Res images** for screen and online presentations or **Comp images** for layouts.

Allowing users to place orders...

... Server to bring PhotoSpin's images online, users will soon be able to use **Live Picture**'s **Zoom** (TM) feature to zoom in for a closer look and examine PhotoSpin's **high - resolution images** in detail. Without having to download large amounts of **image** data, visitors can **zoom** into a multi-resolution **image** to see as much detail as they want, helping them to decide which image to purchase before hand. The image server utilizes a new patent-pending technology developed by **Live Picture** that lets a visitor **zoom** into a **FPX**-formatted **image** using a standard browser, requiring no additional plug-in.

"We are pleased to be working...

27/3,K/8 (Item 3 from file: 813)  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1161163 SFW010  
**Koyosha Graphics of America Ships Precision Preview XT 2.0 for QuarkXPress And QuarkImmedia**

DATE: October 1, 1997 13:00 EDT WORD COUNT: 891

...as Astrobyte, Extensis and HexMac.

Creative and production professionals view optimized color, grayscale and bitmap **images** in **high resolution**, completely free of jaggies. This ability to see the fine detail of images gives users...

... to film. Precision Preview XT also reduces the need to rescan or return to the **image - editing** application, even if the resolution, size, orientation, color separation and sharpening output requirements change. Users...

...data transfer.

Internet-Enabled  
Precision Preview XT includes the FlashPix Viewer plug-in from **Live Picture**, Inc. for viewing **high - resolution** photographic-quality **images** over the Internet. The plug-in works with both Netscape Navigator(TM) Communicator(TM) and Microsoft Internet Explorer(TM) Web browsers and enables users to interactively zoom, pan, **crop** and print high-quality **images** via the Web. These same images can be **downloaded** locally as **JPEG - compressed** FlashPix files and placed into XPress documents, maintaining image detail and expediting the design,

collaboration...

... Preview XT ships with two Photoshop plug-ins that enable users to read, write and **edit** IVUE and FlashPix **images** within their favorite **image editing** applications. Precision Preview XT also includes more than 400 MB of royalty-free FlashPix images...

**27/3,K/9 (Item 4 from file: 813)**  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1028148 NYSA001A  
**PRNewsFotos Available Free-of-Charge to News Media via NewsCom**

DATE: November 30, 1996 10:09 EST WORD COUNT: 399

...ease-of-use features, which include industry category folders and a powerful search engine, enable **editors** to pinpoint the **image** they need with a minimum amount of effort. Contact NewsCom directly at 305-448-8411...

...in print ready format via NewsCom's Web site (<http://www.newscom.com>). Fully reproducible **high - resolution images** are available for immediate **downloading** by registered media. A **low - resolution** version of the **image** is available for viewing by the general public on the NewsCom Web page. Press releases...

**27/3,K/10 (Item 5 from file: 813)**  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.  
>>>Accession number 1018893 is unavailable

**27/3,K/11 (Item 6 from file: 813)**  
DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0993037 SFTU010  
**MediaWay Announces First Managed Access to Image Libraries Over the World Wide Web**

DATE: September 10, 1996 08:31 EDT WORD COUNT: 1,064

...over the Web to locate images that meet their criteria.

Once users locate their desired **images**, they can **download low resolution** versions for placement in documents and layouts. Further, users can send messages containing image thumbnails...

...recipient can directly access the original image to, for example, write a CD containing the **high resolution** version of the **image**.

## Simplified QuarkXPress Layout Management

Users frequently want to locate images based on where they have...  
...and out of the system in a single step. Users can automatically switch  
between the **high** and low **resolution** versions of the **images** : the  
XPress  
documents can be **edited** using low resolution **images** , and then the  
completed  
documents checked out of the system with **high resolution images** to go  
to  
production.

## Automated Archiving and Retrieval

MediaAssets 1.5 introduces sophisticated capabilities to...

**27/3, K/12 (Item 7 from file: 813)**  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0536262 CL012  
**KODAK PARTICIPATES IN LAUNCH OF FIRST NATIONAL DIGITAL PHONE NETWORK**

DATE: November 12, 1992 14:33 EST WORD COUNT: 465

...throughout the U.S. participating in a  
nationwide celebration -- known as TRIP '92 -- whichble to **send** voice,  
**data**, **images** ,  
**compressed** video and other signals over a single telephone line  
simultaneously. The celebration will kick off...

...images quickly and economically. The Photo CD system enables  
consumers and commercial users to store **high - resolution** film **images**  
on  
compact discs. Photos can be viewed on a television or downloaded to a  
PC for **image manipulation** and transmission.

Kodak is one of 15 companies providing funding for the TRIP '92  
event...

Set        Items        Description  
S1        3052207      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
              OR JPG OR JPEG  
S2        4691304      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
              WNLOAD? OR COPY???  
S3        460448      (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
              OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
              GAPIXEL?)  
S4        5569509      MANIPULAT? OR EDIT??? OR CROP??? OR RED()EYE OR REDEYE OR -  
              ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
S5        196803      (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
              RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
S6        27383      S3 (3N) S1  
S7        55180      S5 (3N) S1  
S8        2782      S2 (10N) S6  
S9        149114      S4 (5N) S1  
S10      438      S8 (4S) S9  
S11      140      S10 (4S) S7  
S12      100448      PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
              SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? -  
              ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)  
S13      16      S11 AND S12  
S14      5      S13 NOT PY>2000  
S15      5      RD (unique items)  
File     9:Business & Industry(R) Jul/1994-2006/May 25  
              (c) 2006 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2006/May 25  
              (c) 2006 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 26  
              (c) 2006 The Gale Group  
File 636:Gale Group Newsletter DB(TM) 1987-2006/May 25  
              (c) 2006 The Gale Group  
File 16:Gale Group PROMT(R) 1990-2006/May 26  
              (c) 2006 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
              (c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2006/May 26  
              (c) 2006 The Gale Group

15/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02082891 SUPPLIER NUMBER: 19604311 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Net photo services make album-making a family affair. (Hot Off the Wire)  
(Internet/Web/Online Service Information)(Column)

O'Brien, Jim

Computer Shopper, v17, n8, p618(1)

August, 1997

DOCUMENT TYPE: Column ISSN: 0886-0556

LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1403 LINE COUNT: 00113

ABSTRACT: A variety of photo-album services are available on the Internet, both from traditional **photofinishers** and Web-only startups. PictureVision has offered its PhotoNet service for a year and claims...

...Kodak's is centralized, while PictureNet is distributed and has a photo center at each **photofinisher**. PictureVision plans to roll out its own centralized archive in the fall of 1997.

TEXT:

...those photos of your summer vacation? Tell them to log on to the Web. Traditional **photofinishers** and digital startups are vying for new online revenue by letting anyone with a camera...

... service is digitizing tens of thousands of rolls of film per month, via 8,000 **photofinishing** retail outlets, for posting on the Web where consumers can order reprints and other merchandise...

...1998. Even as Kodak and PhotoNet gear up for the next phase of their online **photofinishing** services, Pictra plans to hook up with film developers to provide similar access to reprints...

...digital camera users will be able to mix their images with high-res scans from **photofinishers**. Through an agreement with Adobe Systems, expect access to PictraNet from within future image-editing...

...100 pictures plus a penny per picture thereafter, and you'll need to go to **photofinishers** that use Kodak Premium Processing. Initially, you'll return to the original retailer to pick up your **prints**, but mail-**order** delivery is on the horizon.

Meanwhile, PhotoNet is a distributed system wherein each **photofinisher** maintains its own virtual online photocenter. Participants so far include Konica, Wolf's Camera and...

...mail-order vendor Mystic Color Lab. Currently, pictures remain online for just 30 days, and **photofinishers** fulfill your order for pickup or mail-order delivery.

But PictureVision plans to roll out...

...build their own albums regardless of who scanned them. Nevertheless, since relatives might use different **photofinishers**, the fulfillment process still needs to be worked out.

"The original **photofinisher** will always participate in the revenue opportunities," says PhotoNet spokesperson Dan Schiappa. "But that may..."

...picture "slots," just like Kodak. PhotoNet is working on co-branded "club" services with specific **photofinishers** and camera vendors that will offer similar features minus the long-term storage option.

Like...

...ll ultimately interact with photos online. FlashPix stores image data in multiple resolutions, speeding up **editing** by letting programs such as **Picture** It work with ...magazines up close without losing detail.

A future version of IIP will enable users to **download** small, low-**res** **images** and apply their **edits** across the Net to the larger, **high-res** **images** used by the **photofinishers** for printing. But while this will accommodate global changes such as color saturation, cropping, and... .s end.

In the end, the litmus test will be technology, not choice. Right now, **photofinishers** still require that you **buy** a set of **prints** before using online **photofinishing** services. To become must-haves, the services need to give users the option of **buying** only the **prints** they want.

"A lot of this comes down to whether **photofinishers** will walk away from today's guaranteed revenue," says Paul D'Andrea, PhotoNet's senior...

**15/3,K/2 (Item 2 from file: 275)**

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02070059 SUPPLIER NUMBER: 19476003 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Photo op: digital developments for weekend photographers. (new Web photo services) (Trends) (Company Business and Marketing)**

Levin, Carol

PC Magazine, v16, n12, p28(1)

June 24, 1997

ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 678 LINE COUNT: 00056

... multiple resolutions, applications can choose the appropriate resolution for each task. For instance, FlashPix will **send** a **high-res image** to a printer, a **low-res image** to the Web (for rapid transmission), and the minimum resolution necessary for **editing** on-screen. Live **Picture**'s LivePix and Microsoft's PictureIt are among the growing number of applications that support...

...the U.S. To post your pictures online, you check "Kodak Picture Network" on the **photofinishing** bag when you get your film developed. When you pick up your prints, you'll...

**15/3,K/3 (Item 3 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01995017 SUPPLIER NUMBER: 18791118 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Web photo finish: new online services for shutterbugs. (Microsoft's Picture It and Live Picture's LivePix software for handling photos on the Internet; Newcomer Picture Vision PhotoNet Internet service) (Trends) (Internet/Web/Online Service Information)**

Levin, Carol; Rupley, Sebastian

PC Magazine, v15, n19, p31(1)

Nov 5, 1996

ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 694 LINE COUNT: 00055

... a slew of new technologies for Web users who want to send, download, and print **high-resolution photos**. From big companies, such

as Microsoft, Kodak, and Hewlett-Packard, to smaller players, such as...

...It software is an under-\$80 package for home PC users who want to scan, **edit**, print, and share **photos** over the Web. Picture It will feature a link to a Web page containing a...

...developed in conjunction with Kodak's digital photography division.

You'll be able to take **photos** you've **edited** in **Picture** It and send them over the Web to Kodak after choosing from a palette of...

...format, which stores an image as a hierarchy of versions at different resolutions, making large **images** easier to **edit**, **transmit**, and print. For example, you can **send** a **photograph** shot at **low resolution** over the Internet to a friend, who can **download**, **edit**, and print the **image** at a **higher resolution**.

LivePix, a similar package from Live Picture--which is headed by former Apple chief John...

...that only you and those you choose can view proof sheets, touch up photos, and **order** reprints, **enlargements**, and such merchandise as T-shirts and mugs. PhotoNet also serves as a Web warehouse...

**15/3,K/4 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2006 The Gale Group. All rts. reserv.

04842322 Supplier Number: 67000865 (USE FORMAT 7 FOR FULLTEXT)  
**CCTV; What can be done with CCTV ...and what cannot be done.**  
Access Control & Security Systems Integration, pNA  
Oct, 2000  
Language: English Record Type: Fulltext  
Document Type: Tabloid; Trade  
Word Count: 2183

... Digital management and storage systems are everywhere. Be very careful. It is extremely easy to **buy** a bill of **goods**. It is also extremely easy to buy by price instead of your head. These systems...for the sake of adding cameras.

We can transmit several hundred, real time, full-color, **high - resolution**, **images** simultaneously via a couple ...something as small as a mouse can now be electronically blocked out of the video **image**. Regardless of angle, size, **zoom**, or even panning ... the **image**, once blocked, stays blocked.

We can use standard telephone wire, speaker wire, twisted pair, or ...it is not necessarily the answer to all VHS applications.

We cannot transmit real time, **high - resolution** **images** via the Internet. Again a very dangerous statement to make, since it is only a... ...before this becomes a reality. However, for the time being, we are only able to **transmit** a few, **lower - resolution**, **images** per second, versus real time (25 (PAL) or 30 (NTSC) images per second).

**15/3,K/5 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2006 The Gale Group. All rts. reserv.

09281531 SUPPLIER NUMBER: 19134605 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Cheap shots. (reviews of 10 digital cameras) (includes related articles on Olympus D-200L and Epson PhotoPC cameras, eight more digital cameras**

**being developed) (includes related product-comparison chart) (Hardware Review) (Evaluation)**

Jantz, Richard

PC World, v15, n3, p145(9)

March, 1997

DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 4317 LINE COUNT: 00313

TEXT:

...process of getting your pictures into your PC. There are no rolls of film to **buy**, no **prints** to develop, no scanning; you simply connect a digital camera to your PC with a...

... use, and relatively light (11 ounces). Its 2MB of memory stores from 9 to 38 **high** -resolution (768 by 576) **pictures**, depending on which **compression** level you choose. You can **send** images to video, stamp dates on pictures, and even record sound bites. The camera's...

Set        Items        Description  
 S1        3052207      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
               OR JPG OR JPEG  
 S2        4691304      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
               WNLOAD? OR COPY???  
 S3        460448        (LOW OR LOWER)() (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
               OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
               GAPIXEL?)  
 S4        5569509      MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
               ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
 S5        196803        (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
               RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
 S6        27383        S3 (3N) S1  
 S7        55180        S5 (3N) S1  
 S8        2782        S2 (10N) S6  
 S9        149114      S4 (5N) S1  
 S10      438        S8 (4S) S9  
 S11      140        S10 (4S) S7  
 S12      100448      PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
               SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? -  
               ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)  
 S13      16        S11 AND S12  
 S14      5        S13 NOT PY>2000  
 S15      5        RD (unique items)  
 S16      28        S8 AND S7 AND S12  
 S17      9        S16 NOT PY>2000  
 S18      9        RD (unique items)  
 S19      4        S18 NOT S14  
 File     9:Business & Industry(R) Jul/1994-2006/May 25  
               (c) 2006 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2006/May 25  
               (c) 2006 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 26  
               (c) 2006 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2006/May 25  
               (c) 2006 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2006/May 26  
               (c) 2006 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
               (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2006/May 26  
               (c) 2006 The Gale Group

19/3,K/1 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01928151 SUPPLIER NUMBER: 18204879 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Photo play. (guide to image editing) (includes related articles on file format choices, resolution, fun projects to do with digitized photos) (Technology Information)**

Cryan, Shelley  
MacUser, v12, n6, p88(8)  
June, 1996  
ISSN: 0884-0997 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5847 LINE COUNT: 00440

...ABSTRACT: format. PictureWeb offers a service that stores digitized photos on the World Wide Web. Many **photofinishers** digitize images to Kodak Photo CD format, which offers very **high resolution** and color accuracy. **Photo** CD images can take up a lot of RAM, and the cost tends to be...

... exposure roll digitized? How does four bucks grab you -- for the whole roll? A few **photofinishing** companies now offer digitizing as an option with a regular developing and printing **order**. When you get your **prints** and negatives back, sometimes in as few as two days, the envelope also contains a...digitizing services, you'll find it in Kodak's Photo CD. Although many average storefront **photofinishers** offer Photo CD service, Photo CD **images** are of such **high resolution** that even graphics professionals use them in their work. Additionally, the images are permanently stored...

...one-day turnaround, cough up roughly twice that and be sure to go to a **photofinisher** who processes Photo CD discs on-site. (Processing of an individual print or slide costs...of its very small file sizes, the JPEG format is another good choice for images **transferred** via modem or for those crammed onto a floppy disk. **JPEG** is actually a **compression** scheme that throws away data to save space -- called a "lossy" scheme -- so you'll ...be working with photos on your computer, you should understand the costs and effects of **resolution**. **Images** with **high resolution** show off sharp details but also take up more space on your hard disk than...

...mathematics, and you'll quickly see that even the lowest-resolution desktop scanners can provide **higher - resolution images** than most value-priced digitizing services or digital cameras -- as long as your scanned print...

...your Mac may not have enough RAM to handle it. Even if it does, an **image** with a **higher resolution** than you need will cause your computer and printer to grind away needlessly, and you...

...resolution for the final, enlarged image. This is when you'll need to seek out **higher - resolution** options, because **images** from low-end digital cameras and photos-on-floppy providers will fail you.

Photo Fun...

19/3,K/2 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01508906 SUPPLIER NUMBER: 12043096 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Color systems and software. (Seybold and Imprinta, Part II: The Maturing of**

**Midrange Color)**  
Seybold Report on Publishing Systems, v21, n13, p6(26)  
March 30, 1992  
ISSN: 0736-7260 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 20583 LINE COUNT: 01602

... difference, of course, are that Ailic builds its system around PC technology and works with **high - resolution images** on the screen.

At the time of output, line art and contone images, together with preseparated, **high - resolution images** in CYMK. Three-color RGB retouching also is supported. Color corrections can be made globally...

...image).

In addition, ArtCom also has had to deal with the problems of reproducing synthetic **images** at **high resolution** and of interfacing to high-end color systems. It has evidently solved these problems.

ArtCom...were impressed with the performance. Some operations were extremely fast, such as moving around a **high - resolution image**, which takes place perhaps as fast as on any workstation at any price.

Berthold has...Magnalink 2, it is possible also to run PixelLink software to allow the transfer of **high - resolution images** and to connect to other non-Crosfield desktop scanners. Where this is done, Crosfield's...a desktop system, Intergraph is still using the CAI RIP, but it has made improvements. **High - resolution images** may be stored on the Intergraph side, with low-resolution viewfiles sent down to the...

...convert PostScript text or Macintosh page geometry to linewidth files. It automatically builds masks around **images**, drops in **high - res** CT files from Studio and creates a corresponding linewidth file for trapping.

Using native linewidth...

...color transform engine, which allows the color manager to handle transformation, correction and manipulation of **high - resolution** scanned **images**. The software includes the Kodak Precision Color Management Software and the PCS100 plug-ins for...of its own, to be available by the end of 1992.

PVD was not taking **orders** at **Imprinta**. The company has decided (to its credit) to wait until it feels the system is...This allows PostScript data to be used from a range of page layout programs where **high - resolution images** are directly input from the scanners.

The PostScript data is processed by the PS Bridge...

...of a mechanical layout. The operator plans the low-resolution images on the page. The **high - resolution images** are merged in the SoftProof's Whisper computer and output on the Doleve plotter with...

...to produce an exact color proof. This then links up with the remote site and **transmits** the page or pages as **compressed images**.

The system also supports simultaneous electronic annotation and joint discussion between customer and client.

At...page layout and text files through its PS-I/Omega software RIP, and also for **transferring high - resolution images** in subsampled, **low - resolution** form back to the Macintosh environment.

The AlphaPro runs on a low-end Sigmagraph workstation and supports OPI commands to swap **low- resolution** with **high - resolution image** data.

Also on the Macintosh is PGX page geometry conversion software and OFX data conversion...earlier versions of the system, which supported masks only at low resolution.

The system can **send low - resolution images**, including masks, to a Macintosh and swap the low-resolution versions for high-resolution

ones...

...2 workstation. Wright's goal is to provide an affordable system for production color retouching.

**High - resolution CMYK images** are brought into Splash over Ethernet from Crosfield, Hell or Screen scanners. Images can also...

**19/3,K/3 (Item 1 from file: 16)**  
DIALOG(R)File 16:Gale Group PROMT(R)  
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01288597 Supplier Number: 41505994  
**3M IMAGE MANAGEMENT AND 3M IMAGE BRIDGE SOFTWARE TO BE INTRODUCED AT GRAPH EXPO (BOOTH 2402)**  
News Release, p1  
August 21, 1990  
Language: English Record Type: Abstract  
Document Type: Magazine/Journal; Trade

**ABSTRACT:**

...file by name, customer, job number, comment, or other user-selected criteria, and display a **low resolution** copy of the **image**. The **high resolution** file can then be retrieved from the archives. This saves time and eliminates costly errors...

PRODUCT NAMES: \*7372420 (Database Software); 7372440 (Graphics Software); 3861600 (Silver Halide Photographic Materials); 3861170 (**Photofinishing Equip**)

**19/3,K/4 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2006 The Gale Group. All rts. reserv.

06745854 SUPPLIER NUMBER: 14556203 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**PC image manipulators bolstered by Photoshop, Twain, Photo CD. (Graphics Software)**  
Sweet, Steven  
Computer Pictures, v11, n5, p26(2)  
Sept-Oct, 1993  
DOCUMENT TYPE: evaluation ISSN: 0883-5683 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3492 LINE COUNT: 00277

...ABSTRACT: be stored through a data acquisition manager such as TWAIN, or in a Kodak PhotoCD. **High resolution images** are possible using SuperVGA color displays. Other photo manipulation software packages are also discussed.

... Windows (\$139) provides access to images, simple image enhancement capability and a CD with 24 **high - resolution sample photos**. **Images** may be printed, saved and exported in many formats.

Kodak Photo CD Access (\$39) lets...

...Umax and Microtek also throw in Photoshop or Picture Publisher. Hewlett-Packard adds Z-Soft **PhotoFinish**, while Envision includes Picture Publisher or Media Cybernetics' Dr Halo series. Thrifty users should check ...include multiple masks and stencils, digital composing with pixel-by-pixel manipulation, 10k by 10k **image** buffer for **high resolution** film output, patterns, texture mapping and an extensive set of image processing functions. Up to...gif, .tga, Scitex .ct, .eps, .dcs and

.raw files. It is TWAIN compliant.

Users should **send** for a patch to add Photo CD and . **jpeg** file **compression** support to the list.

PC Paintbrush V Plus, **PhotoFinish**

Z-SOFT CORP.

PC Paintbrush V Plus 1.0 (\$149) is a fully scanner-supported...

...provides up to 256 colors. Plus imports and exports .gif, .pcx and .tiff file formats.

**PhotoFinish** 2.0 (\$199) is a 24-bit color Windows image editing and paint program with...

Set        Items        Description  
 S1        3052207      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
               OR JPG OR JPEG  
 S2        4691304      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
               WNLOAD? OR COPY???  
 S3        460448      (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
               OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
               GAPIXEL?)  
 S4        5569509      MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
               ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
 S5        196803      (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
               RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
 S6        27383      S3 (3N) S1  
 S7        55180      S5 (3N) S1  
 S8        2782      S2 (10N) S6  
 S9        149114      S4 (5N) S1  
 S10      438      S8 (4S) S9  
 S11      140      S10 (4S) S7  
 S12      100448      PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
               SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? -  
               ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)  
 S13      16      S11 AND S12  
 S14      5      S13 NOT PY>2000  
 S15      5      RD (unique items)  
 S16      28      S8 AND S7 AND S12  
 S17      9      S16 NOT PY>2000  
 S18      9      RD (unique items)  
 S19      4      S18 NOT S14  
 S20      40      S6 (7N) S2 (S) S4 (S) S7  
 S21      34      S20 NOT PY>2000  
 S22      24      RD (unique items)  
 S23      21      S22 NOT (S15 OR S19)  
 File     9:Business & Industry(R) Jul/1994-2006/May 25  
               (c) 2006 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2006/May 25  
               (c) 2006 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2006/May 26  
               (c) 2006 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2006/May 25  
               (c) 2006 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2006/May 26  
               (c) 2006 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
               (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2006/May 26  
               (c) 2006 The Gale Group

23/3,K/1 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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00983188 Supplier Number: 23445318  
Designers get the picture from PhotoDisc  
(PhotoDisc launches a Web site that allows secure and immediate online  
purchasing of single high-resolution digital images)  
Link-Up, v 13, n 2, p 21  
March 1996  
DOCUMENT TYPE: Journal ISSN: 0739-988X (United States)  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 185

## TEXT:

...Web site (<http://www.photodisc.com>) that allows secure and immediate  
online purchasing of single **high - resolution** digital **images** . The site  
also allows designers to **download** free, **low - resolution** **images** for  
comping purposes. Users can browse through the 15,000 images using a  
powerful keyword...

...Another 35,000 are expected to be added in 1996. PhotoDisc recently  
received the MacUser **Editors** ' Choice Award for its Object Series, an  
arrangement of CD-ROM discs featuring collections of...

23/3,K/2 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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02057674 SUPPLIER NUMBER: 19334783 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Pretty as a pixel. (seven digital cameras reviewed) (includes related  
articles on how products were tested, photo scanners) (Hardware  
Review) (Evaluation)  
Plain, Stephen W.  
Computer Shopper, v17, n5, p186(9)  
May, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6204 LINE COUNT: 00473

... brightness, and sharpness of detail.  
For our timed tests, we measured each camera's image- **transfer** (or  
**download** ) speed using both **high - and low - resolution** **images** . We  
timed **transfers** from the cameras to our testbed, using each camera's  
bundled TWAIN...

...images into Photoshop, and using bundled transfer software to load the  
images into bundled image- **editing** software. We used each camera's highest  
transfer rate, which was 115.2Kbps for all...

23/3,K/3 (Item 2 from file: 275)  
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02012575 SUPPLIER NUMBER: 18934996 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Print advertising: last link in digital delivery. (includes related article  
on new standard formats and on the TIFF/IT standard) (Technology  
Information)

Malnig, Anita  
MacWEEK, v10, n47, p47(3)  
Dec 9, 1996  
ISSN: 0892-8118 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2522 LINE COUNT: 00198

... a plug-in for Adobe Photoshop.

TIFF/IT provides a transport-independent format for distributing **high**-resolution rasterized **images**. Designers can **send compressed**, uneditable **image** files with four-color data, font and print specifications via the Web, networks or disk...

...fonts because they're locked in. Because the image is rasterized, the recipient can't **edit** the data, a feature that turns the document into the digital equivalent of film.

TIFF...

**23/3,K/4 (Item 3 from file: 275)**  
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01996414 SUPPLIER NUMBER: 18794684 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Compression for Webmasters. (Iterated Systems' Fractal Imager 1.1 image-compression and -conversion software) (Software Review) (Evaluation)**  
Goodman, Ben  
Computer Shopper, v16, n11, p462(1)  
Nov, 1996  
DOCUMENT TYPE: Evaluation ISSN: 0886-0556 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1078 LINE COUNT: 00089

... Imager 1.1 from Iterated Systems may help designers working on graphics-intensive sites to **trim** those excessive **download** times.

By providing fractal **compression** for **images**, Fractal **Imager** 1.1 reduces file sizes and thus **download** time, even for high-resolution images. Viewed with Iterated Systems' free Fractal Viewer plug-in...

**23/3,K/5 (Item 4 from file: 275)**  
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01973861 SUPPLIER NUMBER: 18618660  
**MediaWay to direct multimedia assets. (MediaAssets 1.5 multimedia management system for Macintosh) (Product Announcement) (Brief Article)**  
Gulick, Rebecca  
MacWEEK, v10, n33, p10(2)  
August 26, 1996  
DOCUMENT TYPE: Product Announcement Brief Article ISSN: 0892-8118  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 573 LINE COUNT: 00047

... a check-in and check-out system and version controls to prevent the loss of **edits**. Version 1.5 will let clients locate and **download** both **high** - and **low** - **resolution** **images** and annotate current and archived files.

"Because the data is being accessed simultaneously by clients..."

**23/3,K/6 (Item 5 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01765641 SUPPLIER NUMBER: 16766250 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**KODAK, IBM AND SPRINT TO SEND IMAGES AROUND THE WORLD AT SPEED; NEW 'HYPERCOMPRESSION' ALGORITHM.**  
Computergram International, pCGN03300007  
March 30, 1995  
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 561 LINE COUNT: 00042

TEXT:

...single file Image Pac format and enables users across a network to work with a **lower resolution image** that can be **transmitted** more quickly. Function Interpolating Transformation System, or FITS, is an image algorithm licensed by Kodak...

...Inc that treats changes to an image separately from the image itself, enabling real-time **editing** and faster transmission. And Image Access System is Kodak's method of image management that...

...and that can be transmitted independently of the image itself. If a user requires a **high - resolution** version of the **image** it can be retrieved from the central database. Kodak is attempting to make Image Pac...

**23/3,K/7 (Item 6 from file: 275)**  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01710421 SUPPLIER NUMBER: 16222219 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Upgrade update. (software upgrades) (Buyers Guide)**  
Elliot, Elaine X.  
Computer Shopper, v14, n12, p561(3)  
Dec, 1994  
DOCUMENT TYPE: Buyers Guide ISSN: 0886-0556 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 482 LINE COUNT: 00038

... of the full version, but can't initiate calls.

Two newly upgraded, high-end image- **editing** programs also grace the charts this month. Version 5.0 of Micrografx Picture Publisher offers...

...mouse-button support, intelligent macro recording, and infinite undo, as well as the option of **editing** an **image** at **low resolution**, then having your changes **transferred** to the **high - resolution** original. **Picture** Publisher 5.0 also includes the Kodak Precision Color Management System.

Corel Corp. has also...

**23/3,K/8 (Item 7 from file: 275)**  
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01666717 SUPPLIER NUMBER: 15058452 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**IPT building Telescript publishing tools for Unix servers. (Information Presentation Technologies Inc.'s Mobile Shopping Assistant gateway module for AT and T's PersonaLink online information service) (Brief Article)**

Ratcliffe, Mitch  
 MacWEEK, v8, n6, p18(2)  
 Feb 7, 1994

DOCUMENT TYPE: Brief Article      ISSN: 0892-8118      LANGUAGE: ENGLISH  
 RECORD TYPE: FULLTEXT  
 WORD COUNT: 383      LINE COUNT: 00030

... be converted to low resolution for transmission over a Telescript network. GetThePicture allows users to **edit** low-**resolution** copies of **high - res images**; the MSA module will simply **copy** the **low - res image** for Telescript use.

Pricing for MSA has not been set, IPT said. The company said...

**23/3,K/9 (Item 8 from file: 275)**  
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01639752      SUPPLIER NUMBER: 15378104  
**Apple's camera is a computer gizmo a boss will love. (QuickTake 100)**  
 (Personal Technology) (Column) (Product Announcement)  
 Mossberg, Walter S.  
 Wall Street Journal, Thu ed, col 1, pB1(W) pB1(E)  
 May 19, 1994  
 DOCUMENT TYPE: Product Announcement      ISSN: 0193-2241      LANGUAGE:  
 ENGLISH      RECORD TYPE: ABSTRACT

...ABSTRACT: Apple's filmless, AA-battery-powered camera stores up to eight high-resolution or 32 **lower resolution images** in a chip while awaiting **transfer** to a Macintosh or Windows PC, eliminating the need for costly scanners. Bundled QuickTake software supports viewing and simple **editing** of the resulting photos. The QuickTake 100 costs less than competing consumer-oriented color models from Logitech and Dycam, yet offers **higher resolution**. While the **images** it produces are no match for conventional film-based photographs, they are perfectly adequate for...

**23/3,K/10 (Item 9 from file: 275)**  
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01584851      SUPPLIER NUMBER: 13454740      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Observations from Japan: the JAGAT Page '93 conference. (Japan Association of Graphics Art Technology)**  
 Eliezer, Caren  
 Seybold Report on Publishing Systems, v22, n11, p11(8)  
 Feb 22, 1993  
 ISSN: 0736-7260      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
 WORD COUNT: 4517      LINE COUNT: 00342

... images and adjusting resolution, along with sharpening, rotation and applying Photoshop like filters to the **high resolution images**. **Images**, residing on an optical jukebox from NKK, are pulled off in high-resolution form. After **manipulations** are performed, the images are sent over the Scitex network to the designated workstation. The...

...jukebox takes 56 MO disks for an online total of 34 gigabytes. Images can be **sent** as **low - resolution PS Image** or APR files for delivery to designers. **High - resolution images** are as expected with Scitex in cmyk format.

The list price for the IDB is...

**23/3,K/11 (Item 10 from file: 275)**  
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01373042 SUPPLIER NUMBER: 08526184 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Kodak's new CEPS niche. (Eastman Kodak Co.) (Color Electronic Prepress System) (Product Spotlight) (product announcement)**  
Pfitzer, Gary  
Computer Graphics World, v13, n6, p29(2)  
June, 1990  
DOCUMENT TYPE: product announcement ISSN: 0271-4159 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 444 LINE COUNT: 00037

... and cropping. While creating the low-resolution color display file, however, Prophecy can concurrently perform **high - resolution** color **image editing** and retouching. When the completed page layout is done, it is sent back to Prophecy, which replaces low- **resolution** (300dpi) **images** with **high - resolution** (2480dpi) **images** for direct output to any Postscript-compatible imagesetter.

According to Robert Murray, a market analyst...

**23/3,K/12 (Item 11 from file: 275)**  
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01344833 SUPPLIER NUMBER: 08068484 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Macs help launch first U.S. national daily sports paper. (Macintosh Graphic Arts)**  
Silverstone, Stuart  
MacWEEK, v4, n2, p23(2)  
Jan 16, 1990  
ISSN: 0892-8118 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 923 LINE COUNT: 00073

... boards allow a low-resolution scan in one-third of a second. After a photo **editor** working on a Mac selects a picture, its negative is scanned in at high resolution on the Scitex system. The Scitex then automatically **sends a low - resolution image** to the Visionary system or CyberGraphics Wyse terminals for scaling and cropping during page makeup and replaces the **image** with a **high - resolution** version for production output.

Wire photos are captured by The Associated Press' DOS-based Leaf...

**23/3,K/13 (Item 12 from file: 275)**  
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01178248 SUPPLIER NUMBER: 04366946 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Breaking the mold: creative software solutions.**  
Rothfeder, Jeffrey  
PC Magazine, v5, n13, p175(6)  
July, 1986  
ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3970 LINE COUNT: 00302

... the software lacked such important advanced features as on-screen icons and the ability to **rotate** and flip the image and the color card's resolution was far too low for...

...the Graphics Master 600 by 400 16-color adapter from Tecmar. But to facilitate the **transfer** of the low- **resolution** **image** into the **high - resolution** hardware and software environment, Kuklinski had to write a short program.

"Dr. Halo II is...

**23/3,K/14 (Item 1 from file: 621)**  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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01873531 Supplier Number: 54623945 (USE FORMAT 7 FOR FULLTEXT)  
**Hasbro Interactive Races Ahead With NASCAR.**  
Business Wire, p1215  
May 13, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 624

... be captured with Hasbro Interactive's NASCAR Digital Camera. This cool new camera takes 28 **high -resolution** **photos** or 80 **low - resolution** **images** -- which can be easily **downloaded** to a Microsoft Windows-based PC. The supporting software lets the user get into the picture literally. Clip art featuring top NASCAR drivers and teams can be **manipulated** so anyone can appear behind the wheel in the winner's circle. Images can even  
...

**23/3,K/15 (Item 1 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04515805 Supplier Number: 58323440 (USE FORMAT 7 FOR FULLTEXT)  
**LOCKHEED MARTIN: Lockheed Martin Terra earth obbserving system spacecraft launched successfully.**  
M2 Presswire, pNA  
Dec 21, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 899

... furnished new data for thousands of scientists studying our planet and the universe.

NOTE TO **EDITORS** : **High** and **low resolution** **images** of the Terra spacecraft are available for **downloading** at the following URL:  
<http://1mms.external.lmco.com/photos/civil>

**23/3,K/16 (Item 2 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04511344 Supplier Number: 58269243 (USE FORMAT 7 FOR FULLTEXT)  
**-LOCKHEED MARTIN: Lockheed Martin Terra earth observing system spacecraft readied for Dec launch.**

M2 Presswire, pNA  
Dec 15, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 867

... furnished new data for thousands of scientists studying our planet and the universe.

NOTE TO **EDITORS** : High and low resolution images of the Terra spacecraft are available for **downloading** at the following URL:  
CONTACT: Buddy Nelson Tel: +1 510 797 0349 e-mail: buddy1...

**23/3,K/17 (Item 3 from file: 636)**  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
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04405177 Supplier Number: 55441628 (USE FORMAT 7 FOR FULLTEXT)  
**KODAK: Kodak's DC280 zoom digital camera delivers fast, responsive and sophisticated performance.**

M2 Presswire, pNA  
August 13, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 292

... First two-megapixel camera to use USB  
Built with business in mind, the Kodak DC280 **zoom** digital camera brings two-megapixel resolution and responsive performance together to produce high quality images...

...8 x 10-inch prints. A 20 MB CompactFlash card, included, can store 32 best **compression**, **high - resolution images** and its USB connectivity lets the user **download** digital files in seconds.

Whether using the camera for business or personal use, its intuitive  
...

**23/3,K/18 (Item 1 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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09761880 SUPPLIER NUMBER: 19809149 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Koyosha Graphics of America Ships Precision Preview XT 2.0 for QuarkXPress And QuarkImmedia**  
PR Newswire, p1001SFW010  
Oct 1, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 984 LINE COUNT: 00088

... pan, crop and print high-quality images via the Web. These same images can be **downloaded** locally as **JPEG - compressed** FlashPix files and placed into XPress documents, maintaining image detail and expediting the design, collaboration...

**23/3,K/19 (Item 2 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04769467      SUPPLIER NUMBER: 09114043      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DRUPA 90 report: the big news was color: faster, less costly and better.**  
(World Print and Paper Exposition)(Tech Trends; includes related  
information on direct digital color proofing, and PostScript)

Hunter, Margaret  
Folio: the Magazine for Magazine Management, v19, n7, p69(3)  
July, 1990  
ISSN: 0046-4333      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1954      LINE COUNT: 00154

... in any PostScript format and allows high-resolution image editing  
and retouching. It can also **download low - resolution images** to a  
Macintosh using any of the standard page make-up software products. Output  
is...

**23/3,K/20 (Item 3 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04631025      SUPPLIER NUMBER: 09093335      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Prepress makes a giant leap at DRUPA. (World Print and Paper  
Exposition)(includes related article on new 'print-on-demand' equipment  
from Siemens Corp.)**  
Hunter, Margaret L.  
Publishers Weekly, v237, n24, p45(3)  
June 15, 1990  
CODEN: PWEEA      ISSN: 0000-0019      LANGUAGE: ENGLISH      RECORD TYPE:  
FULLTEXT  
WORD COUNT: 2426      LINE COUNT: 00195

... in any PostScript format and allows high-resolution image editing  
and retouching. It can also **download low - resolution images** to a  
Macintosh using any of the standard page-makeup software products. Output  
is to...

**23/3,K/21 (Item 4 from file: 148)**  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04619248      SUPPLIER NUMBER: 09280697      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**UNIX, catching up to Mac, snowballs at DRUPA show.**  
Computer Pictures, v8, n4, p14(2)  
June-July, 1990  
ISSN: 0883-5683      LANGUAGE: ENGLISH      RECORD TYPE: FULLTEXT  
WORD COUNT: 1080      LINE COUNT: 00088

... format and allows high-resolution image editing and retouching in  
real time. It also can **download low - resolution images** to a  
Macintosh using any of the standard page-makeup software products. Output  
is to...

Set	Items	Description
S1	4000	IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ? OR JPG OR JPEG
S2	527	(LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR MEG- APIXEL?)
S3	209	(HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR RESOLUTION OR PIXEL? OR MEGAPIXEL?)
S4	146	S2(S)S1
S5	121	S3(S)S1
S6	13	S4 AND S5
S7	3824	MANIPULAT? OR EDIT??? OR CROP??? OR RED()EYE OR REDEYE OR - ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM
S8	4	S6 AND S7

File 256:TecInfoSource 82-2006/Jun

(c) 2006 Info.Sources Inc

**8/3,K/1**  
DIALOG(R)File 256:TecInfoSource  
(c) 2006 Info.Sources Inc. All rts. reserv.

00157949 DOCUMENT TYPE: Review

**PRODUCT NAMES: BlackBerry 8700c (755818); Samsung SPH A940 (252609);  
Sanyo MM 9000 (252611)**

**TITLE: Mobile Devices**

AUTHOR: Segan, Sascha  
SOURCE: PC Magazine, v24 n23 p35(3) Dec 27, 2005  
ISSN: 0888-8509  
HOMEPAGE: <http://www.pcmag.com>

FILE SEGMENT: Review

RECORD TYPE: Product Comparison

REVISION DATE: 20060400

Research in Motion's RIM BlackBerry 8700c e-mail device offers a beautiful color, **high - resolution**, **240 x 320 - pixel** screen that displays 262,000 colors as well as top-notch e-mail capabilities. **Photos** show an excellent resolution on the sharp screen. The device offers a new EDGE modem...

...does a lot more than make calls. Included is a 2-megapixel camera with optical **zoom**, satellite radio, full-motion streaming TV, stellar voice command, over-the-air music downloads, Bluetooth...

**8/3,K/2**

DIALOG(R)File 256:TecInfoSource  
(c) 2006 Info.Sources Inc. All rts. reserv.

00156089 DOCUMENT TYPE: Review

**PRODUCT NAMES: HDV (High Definition Video) (816943)**

**TITLE: Lights, camera, NASA**

AUTHOR: Beizer, Doug  
SOURCE: Washington Technology, v20 n15 p20(2) Aug 1, 2005  
ISSN: 1058-9163  
HOMEPAGE: <http://www.washingtontechnology.com>

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

REVISION DATE: 20060100

...resolution available. However, all NASA footage is first sent to Fort Lauderdale, Florida, for developing. **Image** analysis takes place at Florida's Kennedy Space Center, the Johnson Space Center in Houston...

...s television system. Those broadcasts must be recorded and then closely examined, and each time **images** are rerecorded, integrity degrades slightly. Analog video records approximately 30 frames per second, and **images** are interlaced for the final product since each frame is made of two fields of alternating lines. High-definition television shoots 60 frames per second, the **images** do not need interlacing, and digital quality has **higher resolution**. Since digital **images** can be

**manipulated** like any other data files, digital video is significantly faster. The Johnson, Marshall, and Kennedy centers have established a 100-Mbps-plus connection to allow such file transfers. **Compressed** with the wavelet algorithm allows adding metadata such as time stamps. Ultimately, the results of...

**8/3,K/3**

DIALOG(R)File 256:TecInfoSource  
(c) 2006 Info.Sources Inc. All rts. reserv.

00155187 DOCUMENT TYPE: Review

**PRODUCT NAMES: Geospatial Data (806633); Geospatial Imaging (814932)**

**TITLE: Geospatial Tools Guide Environmental Decisions**  
**AUTHOR: Sidawi, Danielle**  
**SOURCE: R&D Magazine, v47 n5 p36(2) May 2005**  
**ISSN: 0746-9179**  
**HOMEPAGE: <http://www.rdmag.com>**

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

REVISION DATE: 20060100

...enables them to create a 'sensorweb' by having a MODIS instrument aboard a satellite take **low - resolution images**, and then assign a satellite with **high - resolution** capabilities to record the same site. As expected, this process creates a vast trove of...

...State University's Center for Environmental Informatics, where measurements are being taken of developing wheat **crops**, and technology is providing another protective barrier against the outbreak of Fusarium Head Blight, a...

**8/3,K/4**

DIALOG(R)File 256:TecInfoSource  
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00138260 DOCUMENT TYPE: Review

**PRODUCT NAMES: CLIE (100854); FlashNEWS (100862); PicturePerfect 5.1 (100846)**

**TITLE: PDA Solutions: Working Photographers Find Portable Solutions in...**  
**AUTHOR: Simmons, Christopher**  
**SOURCE: Digital Imaging, p8(2) Mar 2002**  
**ISSN: 1084-5119**  
**HOMEPAGE: <http://www.digitalimaging.com>**

FILE SEGMENT: Review

RECORD TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20040130

...highlighted in a discussion of personal digital assistant (PDA) tools useful to working photographers, including **image editors**. Wireless

transmission of **high - resolution images** is still a nascent technology, but just about any digital camera can transfer **compressed image** files to a PDA via a compatible CompactFlash card if the PDA has enough storage space to load the **image** files. Using a compatible **image** application, users can copy **images** from SmartMedia and use a wireless modem or cable/infrared connection to a data-ready...

...any added, specialized third-party software. The CLIE uses the Palm OS and includes an **image** browser known as PictureGear Pocket, as well as Memory Stick Gate and Autorun software. These components allow **image** content to be loaded and viewed from memory sticks. FlashNEWS runs on any device with...

...3.5.1 or higher device and permits photographers and reporters to file breaking news **pictures** and to copy them from the scene of the story using a PDA fitted out...

...modem. PicturePerfect 5.1 for Pocket PC allows users to easily work with and use **images** from a digital camera.

Set        Items        Description  
 S1        8421662      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
               OR JPG OR JPEG  
 S2        4720691      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
               WNLOAD? OR COPY???  
 S3        114141        (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
               OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
               GAPIXEL?)  
 S4        2934912      MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
               ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
 S5        29523        (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
               RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
 S6        62789        PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
               SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? -  
               ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)  
 S7        4544        S3 (3N) S1  
 S8        6410        S5 (3N) S1  
 S9        409        S2 (7N) S7  
 S10      130        S9 (4S) S4  
 S11      24        S10 (4S) S8  
 S12      18        S11 NOT PY>2000  
 S13      18        RD (unique items)  
 S14      31        S6 AND S7 AND S8  
 S15      27        S14 AND S4  
 S16      25        S15 AND S2  
 S17      22        S16 NOT S13  
 S18      13        S17 NOT PY>2000  
 S19      13        RD (unique items)  
 File 47:Gale Group Magazine DB(TM) 1959-2006/May 26  
       (c) 2006 The Gale group  
 File 570:Gale Group MARS(R) 1984-2006/May 25  
       (c) 2006 The Gale Group  
 File 635:Business Dateline(R) 1985-2006/May 26  
       (c) 2006 ProQuest Info&Learning  
 File 476:Financial Times Fulltext 1982-2006/May 27  
       (c) 2006 Financial Times Ltd  
 File 477:Irish Times 1999-2006/May 26  
       (c) 2006 Irish Times  
 File 710:Times/Sun.Times(London) Jun 1988-2006/May 26  
       (c) 2006 Times Newspapers  
 File 711:Independent(London) Sep 1988-2006/May 26  
       (c) 2006 Newspaper Publ. PLC  
 File 756:Daily/Sunday Telegraph 2000-2006/May 26  
       (c) 2006 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2006/May 26  
       (c) 2006  
 File 387:The Denver Post 1994-2006/May 25  
       (c) 2006 Denver Post  
 File 471:New York Times Fulltext 1980-2006/May 26  
       (c) 2006 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
       (c) 2002 Phoenix Newspapers  
 File 494:St LouisPost-Dispatch 1988-2006/May 25  
       (c) 2006 St Louis Post-Dispatch  
 File 631:Boston Globe 1980-2006/May 25  
       (c) 2006 Boston Globe  
 File 633:Phil.Inquirer 1983-2006/May 24  
       (c) 2006 Philadelphia Newspapers Inc  
 File 638:Newsday/New York Newsday 1987-2006/May 25  
       (c) 2006 Newsday Inc.  
 File 640:San Francisco Chronicle 1988-2006/May 26

(c) 2006 Chronicle Publ. Co.  
File 641:Rocky Mountain News Jun 1989-2006/May 26  
(c) 2006 Scripps Howard News  
File 702:Miami Herald 1983-2006/May 24  
(c) 2006 The Miami Herald Publishing Co.  
File 703:USA Today 1989-2006/May 25  
(c) 2006 USA Today  
File 704:(Portland)The Oregonian 1989-2006/May 25  
(c) 2006 The Oregonian  
File 713:Atlanta J/Const. 1989-2006/May 26  
(c) 2006 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2006/May 26  
(c) 2006 Baltimore Sun  
File 715:Christian Sci.Mon. 1989-2006/May 25  
(c) 2006 Christian Science Monitor  
File 725:(Cleveland)Plain Dealer Aug 1991-2006/May 25  
(c) 2006 The Plain Dealer  
File 735:St. Petersburg Times 1989- 2006/May 25  
(c) 2006 St. Petersburg Times

19/3, K/1 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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05836267 SUPPLIER NUMBER: 62879749 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**DIGICAMS CAN : THE LATEST CROP OF DIGITAL SHARPSHOOTERS ARE WEB**  
**READY. (Evaluation)**  
SUTHERLAND, DON  
Playboy, 47, 7, 126  
July, 2000  
DOCUMENT TYPE: Evaluation ISSN: 0032-1478 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 1658 LINE COUNT: 00126

**DIGICAMS CAN : THE LATEST CROP OF DIGITAL SHARPSHOOTERS ARE WEB**  
**READY. (Evaluation)**

... need to know is that any camera labeled megapixel is going to take damn good **high - resolution pictures**. The more mega it is, the better the image clarity. Shoot your girlfriend with a...

...a high-res model and she'll be wearing a red, translucent nightie with sexy **trim**. It's all about details. But even when you miss a few (because of poor...

...affordable (lower-res) model. (Prices start at \$250.) If you want to get creative by **editing**, cropping and retouching images with photo finishing software such as Microsoft's Picture It 2.0 (\$60), Kai's Super Goo (\$50) or Sierra's Image Expert (\$49.95 **download**; \$69.95 CD-ROM), then you'll want as many pixels as you can afford...

...you'll want to think about design. Some digicams, such as Fujifilm's FinePix 4700 **Zoom** and the Olympus C-2500L, uphold the look and feel of point-and-shoot film...

...viewfinder. Most models combine an optical viewfinder and a liquid crystal display for previewing and **editing** images on the fly. (Don't like a shot? Press a button and it's...

...say, the interiors of rooms)--you'll need a wide-angle lens. The widest-angle **zoom** comes with the Kodak DC4800. It sees about as much as a 28mm lens would...

...with Compact Flash having the greatest capacity at 370 megabytes (enough to store hundreds of **high - res images**).

Adapters for MemoryStick and SmartMedia let you pop the cards into a floppy-disk drive...

...files. But the SuperDisk diskette grants more room; (one diskette can hold up to 1500 **compressed images**). The PV-SD4090 houses a SuperDisk drive so it can be connected via USB port...size, shape and layout on the image sensor--counts, too. Consequently, Fuji's FinePix 4700 **Zoom** features an improved imaging sensor that the company says will deliver nearly twice the picture...

...For higher-quality output, you can take the files to a processor. Or you can **upload** your files to an online photo processor and wait a few days for the images...

...at Club Photo (clubphoto. com) or privately by reserving personal scrapbook space. You can also **order prints** of your own images and stock up on mouse pads, T-shirts and chocolates featuring...

...TRADE NAMES: Fujifilm FinePix 4700 **Zoom** (Digital camera...)

19/3, K/2 (Item 2 from file: 47)  
DIALOG(R) File 47:Gale Group Magazine DB(TM)  
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05428623 SUPPLIER NUMBER: 55606441 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Perfect Pictures.(digital cameras)(Buyers Guide)**

Johnson, Dave; O'Malley, Chris

PC/Computing, 202

Sept, 1999

DOCUMENT TYPE: Buyers Guide ISSN: 0899-1847 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 1290 LINE COUNT: 00102

... cameras and their higher resolutions can also produce truly filmlike prints (either through an online **photofinishing** service or with a good ink-jet printer and glossy paper). More pixels mean you...

...larger images, such as 5-by-7- inch enlargements, with little or no loss of **picture** quality. Likewise, the **high - resolution**, 2- **megapixel** cameras also tend to have the best light and color sensitivities. This translates into pictures...

...image quality. The Fujifilm MX-2700, the Nikon Coolpix 950, and the Olympus C-2000 **Zoom** take arguably the most refined pictures in this group. Sony's and Kodak's cameras...

...color, making the Sony Cyber-shot DSC-F55 and the Kodak DC265 (despite its slightly **lower resolution**) worthy competitors.

**Image** Trade-offs But more pixels aren't always better. If your digital images are likely...

...and print work.

Pixels paint only part of the picture, though. A camera's optical **zoom** lens can have a dramatic impact on your pictures, effectively letting you step closer to...

...optical zooms in inexpensive shooters like the Toshiba PDR-M3 and the Canon PowerShot A5 **Zoom**. (Digital **zoom**, by contrast, magnifies part of an image by magnifying the pixels, so you lose resolution. This is not considered true **zoom**.)

Some digital camera features-including an optical viewfinder, color LCD screen, multimode flash, and computer...

...cameras come with either 8MB or 16MB of memory-befitting the larger file sizes their **high - res pictures** demand- usually on removable CompactFlash or SmartMedia cards (though Sony uses its own Memory Stick...)

...memory. You'll also want to look for a speedy USB port for easy file **transfers** to a PC; the Fujifilm, Kodak, Ricoh, and Toshiba semipro models are the only ones...

...roundup to sport one. A few cameras also offer IrDA (infrared) ports for cable-free **transfer**. Meanwhile, personal cameras like Canon's compact PowerShot A5 **Zoom** are more likely to fit in your pocket, though a growing number of semipro models...

...and sensitivity (gain). A programmable manual mode lets you group

settings.

Creeping In: An optical **zoom** lens lets you frame your subject tightly, increasing detail and eliminating unwanted background. Optional lenses...RDC-5000 has you covered.

Fast Moves: A USB port makes quick work of file **transfers**.

High Resolution: 2.2-megapixel resolution means your photos will look immaculate when you print...

...to spend megadollars on megapixels. But you still need accurate, clean images and tools to **edit** them, which is why Canon's PowerShot A5 **Zoom** is an ideal choice.

**Edit** the Scene: The Canon's excellent software tools let you **edit**, filter, and stitch shots.

Hold the Price: Even on a budget, you can now get perks like an optical **zoom** lens.

Hold the Pixels: XGA (or even VGA) resolution is more than adequate for onscreen...

**19/3, K/3 (Item 3 from file: 47)**  
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04757064 SUPPLIER NUMBER: 19476003 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Photo op: digital developments for weekend photographers. (new Web photo services) (Trends) (Company Business and Marketing)**

Levin, Carol  
PC Magazine, v16, n12, p28(1)  
June 24, 1997  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 678 LINE COUNT: 00056

...ABSTRACT: store and deliver photos in a password-protected Internet site. Kodak is emphasizing 'digitization,' or **transferring** photos from traditional film to digital format so users can **manipulate**, **send**, store and retrieve them easily, rather than digital camera output. However, the proliferation and plummeting...

TEXT:

...this: a digital camera networked to a printer; a fax machine dedicated to receiving and **transmitting** photos; a password-protected Web site that stores and delivers photos; a \$300 digital camera...  
... of digitized photos.

In fact, the cornerstone of a new Kodak strategy is "digitization"--the **transferring** of photos on traditional silver-halide film into digital format so you can **manipulate**, **send**, store, and retrieve them via the Web without having used a digital camera. This approach...

...multiple resolutions, applications can choose the appropriate resolution for each task. For instance, FlashPix will **send** a **high - res image** to a printer, a **low - res image** to the Web (for rapid transmission), and the minimum resolution necessary for **editing** on-screen. Live Picture's LivePix and Microsoft's PictureIt are among the growing number...

...the U.S. To post your pictures online, you check "Kodak Picture Network" on the **photofinishing** bag when you get your film developed. When you pick up your prints, you'll...

19/3,K/4 (Item 4 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04636590 SUPPLIER NUMBER: 18868232 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A photo lab on your desk. (digital photoprocessing on a home PC) (Buyers Guide)**

Thgomas, Susan Gregory  
U.S. News & World Report, v121, n21, p104(2)  
Nov 25, 1996

DOCUMENT TYPE: Buyers Guide ISSN: 0041-5537 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1328 LINE COUNT: 00101

ABSTRACT: Personal-imaging software lets PC owners **edit** and **manipulate** and **edit** photos that have been digitally stored. Digitization methods include scanners, digital cameras, CD-ROM options...  
... are billed as "photo- realistic" because they use special ink cartridges and papers to produce **high - resolution** printouts.

While **photos** that are digitally developed and printed at home may not be up to the standards...

...been taken with conventional cameras to you on special CD-ROMs or floppy disks or **upload** your shots to sites on the World Wide Web. Users can **edit** the digital images and then **send** them back to **order** final **prints**

Technophobes, this hobby just might cure your fears forever. The process is surprisingly uncomplicated. You...

...in the fine-tuning that is possible. You can sharpen the focus on fuzzy photos, **crop** awkwardly shot pictures and erase scratches. For casual snapshooters, it's like a trip to...

...stretch and squish photos any which way you please. And losing 10 quick pounds before **sending** a photo of yourself to your alma mater's newsletter has never been easier.

Of...

...programs walk you through step by step, from opening up images you scan in or **download** from the Web to correcting flaws and adding creative flourishes. Once you've applied the finishing touches, you can **save** your **pictures** either in a **low - resolution** format to post on a personal home page or E-mail to a pal or...

...the image into your computer, where you can open it as a digital file and **edit** it with your chosen personal-imaging software package.  
Should you go this route, it's...

...hobby might consider buying a digital camera. Storing pictures in memory, these gadgets let you **transfer** photos directly to your PC. All major camera companies, as well as computer manufacturers Apple...

...them developed on the Web. For \$2 to \$5 per 24-exposure roll, you can **send** your pictures via mail to PhotoNet (<http://www.photonet.com>), an online network of camera stores; they will be developed, scanned in and **uploaded** to a password-protected Web site. You will be notified via E-mail when they...

...in 24 hours). Within 30 days, you can decide which images you'd like to **download** and touch up using your own software. When you're finished, you

can **upload** the **edited** images to PhotoNet, along with **orders** for professional **prints** at a cost of \$6 to \$10 per 24 prints.

Or you can print your...to \$1.50 per printed image. And crafts materials such as T-shirt iron-on **transfers** and fabric sheets run in that range, too. Of course, you don't have to...

...get pictures back instantly. And maybe after that, we'll see a product that stops **red - eye** before it happens.

19/3,K/5 (Item 5 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04564973 SUPPLIER NUMBER: 18480826  
**Cameras go digital: prices for filmless cameras are falling fast. (Spending: Technology) (Evaluation)**  
Henricks, Mark  
Kiplinger's Personal Finance Magazine, v50, n8, p97(4)  
August, 1996  
DOCUMENT TYPE: Evaluation ISSN: 1056-697X LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1633 LINE COUNT: 00124

...ABSTRACT: of a VGA computer monitor. The \$1,000 DC50 has higher resolution and includes a **zoom** lens and a built-in flash. Other models are recommended.

... a digital camera. Although you can print out photos and even get prints from a **photofinishing** house, print quality from the cameras priced for consumers is vastly inferior to what you...

...you select. (Memory limits the number of pictures you can take without erasing images or **transferring** them to a computer.) Unlike the DC20, the DC50 has a **zoom** lens and built-in flash, along with higher maximum resolution (756 by 504 pixels); its...

...mode" that lets you take several pictures rapidly.

To view pictures, you'll need to **download** them to a Macintosh or Windows-based computer loaded with photo- **editing** software, which comes with the cameras. (Other cameras can hook up to a TV, VCR or video printer.) Kodak's software is called PhotoEnhancer, Special Fun **Edition**, an image-management and **editing** program from PictureWorks Technology. It took some trial and error to install the software.

To...

...also may take a lot of clicking on various menus to figure out how to **upload** photos from camera to PC.

Once a picture is on your PC screen, you can **rotate** the photo, resize it, **crop** it, correct for lighting conditions, change the resolution or switch to black and white--but only after mastering the photo- **editing** software. PhotoEnhancer also includes an array of stationery styles, calendars and cards on which you...

...cases that's a fraction of the 1,200 dots per inch considered photographic quality.

**Photofinishing** houses can take a floppy disk with a **copy** of your picture on it and produce prints. Just **copy** the image file from PC to disk in a standard format such as JPEG (for...).

...accepts standard 37-millimeter video-camcorder lenses and filters. It comes with connectors and EasyPhoto **editing** software for Macintosh or Windows-based computers.

Some cameras can show you immediately what your...a PC, Macintosh, TV or other external device. It also includes Adobe's PhotoDeluxe image-**editing** software.

Canon's PowerShot 600 offers unusually high 832-by-608 resolution for a digital...

...950. It comes with 1 MB of internal memory, enough to store up to 18 **lower** -resolution **images** or fewer **high** - **resolution** **images**. There is also a slot for an optional 4-MB PC memory card (\$229) that...

...170-MB hard-drive card (\$380) into the slot gives you space for 3,000 **low** - **resolution** **images** and 900 **pictures** at the highest resolution. It comes with Ulead image-**editing** software for Windows 95 and Windows 3.1.

The Connectix QuickCam is not as versatile...

19/3,K/6 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04481485 SUPPLIER NUMBER: 18204879 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Photo play. (guide to image editing ) (includes related articles on file format choices, resolution, fun projects to do with digitized photos) (Technology Information)**

Cryan, Shelley  
MacUser, v12, n6, p88(8)  
June, 1996

ISSN: 0884-0997 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 5847 LINE COUNT: 00440

**Photo play. (guide to image editing ) (includes related articles on file format choices, resolution, fun projects to do with digitized photos...)**

...ABSTRACT: into computer files either with an inexpensive scanner or through a service bureau. Professionally digitized **photos** are usually delivered **compressed** on a floppy disk; the user will need a lot of hard disk space to...

...format. PictureWeb offers a service that stores digitized photos on the World Wide Web. Many **photofinishers** digitize images to Kodak Photo CD format, which offers very **high** **resolution** and color accuracy. **Photo** CD images can take up a lot of RAM, and the cost tends to be...

...Digital cameras let users create digital images directly, often for less than \$1,000. Image-**editing** software is a necessity; good products for hobbyists include Adobe's PhotoDeluxe and PictureWorks' PhotoEnhancer...  
... getting shutterbugs addicted to their computers. Using a variety of these products, we scanned, printed, **downloaded**, and **edited** our own photos and found that many of the products were affordable, easy to use...

...market. Once your photos have been digitized, you can then use a range of image-**editing** programs to turn your Mac into a virtual darkroom.

The programs we tested let you...

...variety of alterations, from salvaging underexposed or poorly composed photos to going as far as **editing** out an ex-spouse whom you might want, so to speak, out of the picture. **Edited** photos can then be dropped into specialized project software and used for personalizing a variety...

...relatively anemic Macs (68030-based or less powerful ones) won't have

the horsepower to **manipulate** photos at anything faster than a snail's pace. Graphics pros, who prize versatility and...

...an automated process. Some deliver the goods on floppies, others post the images online for **downloading**, and yet others burn them onto CDs.

Floppy Photos. Need a 24-exposure roll digitized? How does four bucks grab you -- for the whole roll? A few **photofinishing** companies now offer digitizing as an option with a regular developing and printing **order**. When you get your **prints** and negatives back, sometimes in as few as two days, the envelope also contains a...

...these large image files. In order to work with the photos on-screen, you must **copy** the files to your hard disk, decompress them, and convert them to a standard file...

...week. When time is of the essence, you can shave off a few days by **downloading** your pictures from Seattle FilmWorks' Web page (<http://www.filmworks.com>) at no extra charge. If you're using a 28.8-kbps modem, **download** time for a 24-exposure roll runs roughly six to eight minutes.

The image quality...

...Click on a thumbnail to see a larger version of a selected image, and then **download** it if you want that image.

Besting the photos-on-floppy digitizers, PictureWeb offers several choices of format (**JPEG**, **GIF**), **compression**, and resolution (choose custom resolutions of up to 800 x 640 pixels) for **downloading**. Also, its top resolution choice beats out those provided by Konica PictureShow and Seattle FilmWorks. The **download** time for an image with the highest resolution and least amount of compression is about two minutes if you're using a 28.8-kbps modem; **images** with **lower resolution** and greater compression take less time.

Remember, however, that because PictureWeb stores images for you, you have to **download** only those you need for a project. The rest, as well as the originals of any images you **download**, stay safely in PictureWeb's Web space. You pay \$24 to store up to 100...

...digitizing services, you'll find it in Kodak's Photo CD. Although many average storefront **photofinishers** offer Photo CD service, Photo CD **images** are of such **high resolution** that even graphics professionals use them in their work. Additionally, the images are permanently stored...

...one-day turnaround, cough up roughly twice that and be sure to go to a **photofinisher** who processes Photo CD discs on-site. (Processing of an individual print or slide costs...)

...film.

Instead, images are stored in the camera's built-in memory and can be **transferred** to your computer via a cable that connects the camera to your computer's modem...

...due out at about the time this article appears. In our informal tests, the Casio **images**, which have relatively **low resolution**, appeared grainier than most. Despite its hefty price tag of \$979 (estimated street), we especially liked Kodak's new DC50 **Zoom** model, which comes with a **zoom** lens and offers expandable storage via PC Cards (see review, May '96, page 44).

Step...

...pictures may be under- or overexposed, suffer from poor composition, or

be plagued by the **red - eye** menace. Or heck, the photos may look fine artistically but you'd rather have Tyra Banks' or Jackie Chan's body instead of your own.

Fortunately, image- **editing** software gives you the means to **enhance** your digitized photos. Programs aimed at hobbyists sport low sticker prices as well as friendly...

...that are provided by Konica PictureShow and Seattle FilmWorks and that offer very rudimentary image- **editing** features.

Digital cameras usually come with more-substantial software. Apple PhotoFlash, which is bundled with...

...image you like the best, and the adjustment is complete.

Many of the budget image **editors**, including PhotoEnhancer Plus, let you make more-drastic changes. Others in this category are Microfrontier...

...s PhotoMaker, which is actually a limited version of ColorIt!. All sport a large image- **editing** area with a menu up top and a floating toolbox.

Another program, Adobe PhotoDeluxe, offers many of the features and tools common to image- **editing** programs, but its approach redefines simplicity. Instead of having an image area flanked by a...

...that of another, putting your head on the body of someone or something else, removing **red - eye**, and applying special-effects filters.

A variety of handy tools populates the average image- **editing** program's toolbox. Use the pencil tool to draw arrows pointing to a particular location...

...what your house would look like in a different color.

It's the specialized image- **editing** tools, however, that can be the most fun to use. Clone tools, for example, help...

...of filters designed to work with Photoshop, can be used with nearly all the image- **editing** programs mentioned in this article, excluding both versions of PhotoEnhancer.

Step 3: Make Arts into Crafts

**Edited** digital photographs are the raw material for a host of fun projects. Drop them into...

...the time or skill to design layouts? Check out specialized software. One of the image **editors** -- Adobe PhotoDeluxe -- doubles as a project generator. PhotoDeluxe not only guides you through enhancing an...

...specifically designed to incorporate photographs, but you can customize the terrific collection of templates and **enhance** them with PrintShop's ample supply of clip art.

If none of these programs has...less than ten minutes, you'll be printing your kid's best baby pictures to **send** to grandma. Maximum output size is 4 x 6 inches, and you have to use...

...media (36 prints apiece). An additional kit, also for \$40, includes materials that let you **transfer** photos to four coffee mugs -- it's as easy as printing an image, securing it...

...exclusive purview of graphics professionals. New services and products offer myriad ways to digitize and **manipulate** images, at prices well within the reach of most hobbyists. And there's certainly no...

...but you know that it took only one or two mouse clicks in your image- **editing** program. Just pick your favorite special-effects filter, and watch as your image goes from ho-hum (A) to artsy (B). Many image- **editing**

programs also accept third-party add-on filters, such as those provided in KPT Cool...

...online, GIF is a smart bet, because its relatively small file size allows images to **transmit** quickly over the Internet. This format is a poor choice for most other uses, however...

...of its very small file sizes, the JPEG format is another good choice for images **transferred** via modem or for those crammed onto a floppy disk. JPEG is actually a **compression** scheme that throws away data to save space -- called a "lossy" scheme -- so you'll...

...image degradation if you opt for a high level of compression. At lower levels of **compression**, however, **picture** quality remains accurate.

PICT

(not an acronym)

Files in this very common bitmapped format are compression scheme, which some programs may offer as an option. Unlike other types of **compression**, LZW maintains **image** quality through a so-called "lossless" scheme, which **compresses** **images** without throwing away any data.

Pixel Perfect: Focus in on resolution

Be you amateur or...

...be working with photos on your computer, you should understand the costs and effects of **resolution**. **Images** with **high resolution** show off sharp details but also take up more space on your hard disk than **low - resolution**, less visually exact **images**. They also usually cost more to digitize. In order to save yourself some time, money...

...mathematics, and you'll quickly see that even the lowest-resolution desktop scanners can provide **higher - resolution images** than most value-priced digitizing services or digital cameras -- as long as your scanned print...

...your Mac may not have enough RAM to handle it. Even if it does, an **image** with a **higher resolution** than you need will cause your computer and printer to grind away needlessly, and you...

...looks best to your eye. You may find you can get away with a somewhat **lower - resolution image**, but increasing the resolution drastically isn't going to improve the image quality.

The bottom...

...resolution for the final, enlarged image. This is when you'll need to seek out **higher - resolution** options, because **images** from low-end digital cameras and photos-on-floppy providers will fail you.

Photo Fun...

...projects in under an hour apiece

You've digitized your favorite photos, rubbed out the **red - eye**, and fooled around with a slew of special effects. But where do you go from...

...coffee cups, and postcards--each in under an hour.

Project: Real-Estate Flyer

Tools: Image- **editing** software, Adobe PhotoDeluxe

Step 1: Digitize a photo ...Shown here is the image we used.)

Step 2: Open your file in an image- **editing** application such as PhotoEnhancer Plus, in which you can **crop** and touch up your image. We used the clone tool to paint over the antenna...

...output on a color inkjet printer.

Project: Calendar

Tools: The PrintShop Deluxe CD Ensemble, image- **editing** software (optional)

Step 1: If necessary, touch up your photo with an image- **editing** program. You might want to **crop** it, replace the background, or remove unwanted items.

Step 2: After launching PrintShop Deluxe, you...

...to highlight important dates. Then you're ready to print!

Project: Photo Mug

Tools: Image- **editing** software, Fargo FotoFun! printer, Fargo Mug Kit

Step 1: Use an image- **editing** application such as ColorIt! to touch up your original photo. In our example (left), we **cropped** and resized the image to fit on a mug. We then used the clone tool...

...ugly lamp in the background with Christmas-tree branches. We also fixed the children's **red - eye** problem by selecting the red pupils with the magic-wand tool and then pouring in...

...on the Fargo FotoFun! dye-sub printer, using the printer settings recommended for coffee-mug **transfers**.

Step 3: Secure your printout to a supplied coffee mug, using tape and the special...

...horse was unimpressive, especially with the red fence marring the composition. We saved an extra **copy** of the image.

Step 2: We selected PhotoDeluxe's Motion filter to distort the image  
...

...to add the illusion of motion to the horse.

Step 3: We returned to the **copy** of the original photo and clicked on the Change Background icon. PhotoDeluxe then stepped us...

**19/3, K/7 (Item 7 from file: 47)**  
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04038126 SUPPLIER NUMBER: 15045460 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A photographic memory for the digital age. (Kodak Photo CD)(includes related articles on highlights, dedicated Photo CD players)**

Grunin, Lori  
PC Magazine, v13, n4, p157(8)

Feb 22, 1994

ISSN: 0888-8507 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 6074 LINE COUNT: .00466

...ABSTRACT: can be viewed on a TV set or on virtually any computer platform. PCD's **Image Pac compression** scheme is loses less data than other **image - compression** methods but also less efficient. Master PCD disks use special media produced by Kodak and...

...DOS and Windows has lagged behind hardware support. Users should be careful when choosing a **photofinisher** to **transfer** images to PCD because the technology is difficult to understand.

... chroma (C) channels. Just as with the separate luma color spaces used by other lossy **compression** schemes such as **JPEG**, YCC makes it possible to perform greater compression in the chroma channels--where you're...

...16, Base/4, and Base), plus luminance and chrominance residual information that's used to **enhance** the **higher - resolution images** created by interpolating up from the Base resolution. On a Pro PCD disk, the decimation...and it's in your best interest to save up your photos and have them **transferred** in one shot. In addition, your CD-ROM drive needs to understand how to search...

...information. As already mentioned, the Pro PCD uses the IPE area to store residuals for **higher - resolution images**, as does the PCD Medical format, which is intended to accommodate files in formats standard...

...that clip-image vendors can include on their CDs--for working with PCDs, mainstream image- **editing**, illustration, and desktop publishing packages can also work with PCD files and allow you to...scanners used to acquire images; Kodak's proprietary software for scanning, performing color space conversion, **image compression**, and **Image** Pac creation; CD-R writers for mastering the disks; and a variety of end-user applications for accessing and **manipulating** the images. While Kodak offers products in all of these categories, only a small fraction...

...398-5337; fax, 415-398-5339).

The largest installed base of PCD-creation sites are **photofinishers**. To have a disk created, you drop off your negatives, slides, and transparencies the same way you now get prints developed. (For a list of PCD-capable **photofinishers** in your region, contact Kodak at 800-235-6325, ext. 53.)

As we went to...

...of the recording software won't support interleaving.

Many factors affect the pricing of PCD **transfer** services, not the least of which is the market's current state of flux. We've found the cost of **transferring** a set of 35-mm negatives to a standard Master PCD is anywhere from \$0...

...to slides. So, for example, at \$1.59 per scan, using a Kodalux service for **transferring** 36 predeveloped exposures to a new PCD will cost about \$67.24; the same operation...

...roll can cost less than \$10. Because even the least expensive equivalent PCD processing--36 **transfers** to an existing disk--costs more than twice that, it's not surprising that consumers...quality scans than they can get from a \$1,200 400-dpi unit.

Pro PCD **transfers** tend to cost a lot more than standard Master ones. For instance, ZZYZX charges \$20...

...part, this higher price reflects the higher cost of the scanner used for Pro PCD **transfers**; with the lower-resolution scanner for creating Master disks, all scanning and correction works automatically...

...squeeze on traditional service bureaus and probably on their prices as well.

#### BE DEMANDING

Eventually, **transfer** pricing should signal the potential quality of the final scans; in other words, higher-priced...

...imaging services, you might need to be a bit savvier than when dealing with a **photofinisher**. Don't treat PCD **transfers** the way you do film developing, and don't assume that all the flaws in...

...handling of your jobs, you're better off paying higher prices and working with a **photofinisher** used to dealing with professional

photographers, or one who has proved responsive to your needs...

...however, were either used to serving professional photographers or were personally recommended to us. Some **photofinishers** --especially those accustomed to **sending** jobs off to a third-party service such as Kodalux--tend to be poorly organized...

...for archiving old photographs. But if you don't have negatives, the only way to **transfer** the pictures is either by scanning them yourself (or having them scanned by a service...

...on a Print PCD--an unnecessarily expensive solution--or by having negatives made by a **photofinisher**, another expensive process that also degrades the quality of the image.

Of course, PCD's...leeway for speeding up the process of opening PCD files.

BE CAREFUL about which PCD **transfer** service you use: Some **photofinishers** tend to lack the necessary knowledge about PCD services. Go by personal recommendations if you...

...in which to play back images (called Favorite Picture Selection, or FPS), autoplay a sequence, **rotate** and pan images, and play a disc in reverse (useful for photos taken with cameras...

...intended for NTSC display, in practice the images overscan slightly, which causes them to be **cropped** on all sides.

The higher-priced models--the PCD 870 (\$449), the five-disc carousel

...  
...zooming out to fit the full picture on-screen. With these models you can also **zoom** in on a selected area and scan through a disk, and they provide increased memory...

19/3,K/8 (Item 8 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03946770 SUPPLIER NUMBER: 14049253 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Digital camera fits in your jacket pocket. (Logitech Inc. **FotoMan Plus**)  
(Hardware Review) (PC Week LABS First Looks) (includes related summary  
article) (Evaluation)

Coffee, Peter  
PC Week, v10, n28, p85(2)  
July 19, 1993  
DOCUMENT TYPE: Evaluation ISSN: 0740-1604 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1432 LINE COUNT: 00108

...ABSTRACT: percent higher resolution and the ability to hold up to 32 images. Images can be **downloaded** in standard file formats to microcomputers via a simple serial interface. The bundled Windows or...

...severely limited; users can and should paste images into a more sophisticated program for serious **editing**. The FotoMan's fixed-focus lens and automatic flash allow one-button photography and are...

...to establish the serial connection and display the layout view of a 16-image set; **downloading** the images takes approximately 3 minutes in TIFF format and 2 minutes in **compressed** **JPEG** format. Logitech provides convenient accessories including a drop-in desktop stand.

... portrait photography and resolution that has been increased by 67

percent, to 496 by 360 **pixels**. It provided **high** -quality **images** in PC Week Labs tests, due in part to improved flash control.

FotoMan Plus holds as many as 32 images and lets users **download** standard image files to a PC through a simple serial interface. We found that the bundled software (for Windows or the Macintosh) offers convenient but limited options for enhancing and **editing** images that can be pasted into documents or other work.

Logitech now offers photo accessories...

...for both DOS and Windows as well as a Windows-based program for enhancing and **editing** images.

The Windows-based camera-management software gives a convenient layout view of the images...

...seconds to establish the connection and display the layout view of a 16-image set. **Downloading** those images as TIFF files required slightly less than 3 minutes, and **downloading** in JPEG format took only 2 minutes.

The DOS utility program wasn't nearly as nice to look at, but it **downloaded** the same 16 images twice as fast as the Windows version when run from DOS...

...with no adjustable parameters.

We found that the more flexible adjustments of ZSoft Corp.'s **PhotoFinish** 2.0 software produced far superior results, and we predict that only the most casual...Windows version required a full-screen session to accurately preview pictures in FotoMan's memory.

**Transfer** speeds for both utilities under OS/2 were incredibly slow, requiring 2 minutes and 30 seconds to **transfer** only three JPEG files. Speeds were 13 times slower for DOS under OS/2 than under native DOS, and 30 times slower for Windows. The image- **manipulation** tools ran properly, however, in OS/2 2.1's Windows emulation.

It took about...

19/3, K/9 (Item 9 from file: 47)  
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03882668 SUPPLIER NUMBER: 13675578 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Photographic electronic imaging. (computerized photos rendered through a software program)**  
Leonard, Robert J.; Leonard, Ronald J.  
PSA Journal, v59, n4, p19(3)  
April, 1993  
ISSN: 0030-8277 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2341 LINE COUNT: 00175

... is that Kodak had replaced the back cover with a digital imaging back, to capture **high resolution** color or monochrome **images**. The resolution of the full frame 35mm image is 1.3 million pixels (1024 x...

...The DSU is a 200 megabyte disk that stores up to 158 uncompressed or 600 **compressed** **images**. The DSU has a four inch monochrome monitor for immediate viewing and a keyboard for captioning with up to 10,000 characters for each image. The images can be **downloaded** to an Apple Macintosh computer, **edited** with Adobe Photoshop software and then printed.

While many amateur photographers might like to get...

...office and computers. The camera will store up to 50 images, before having to be **downloaded** to a PC or Macintosh computer. The exposure index

range from 100 to 400 for...

...white model and 50 to 200 for the color model.

#### Printing

Once the image is **downloaded** to a computer it can be printed on several different types of continuous tone printers...

...high end of the performance and unfortunately also the cost scale are the sublimation dye **transfer** printers. These printers by Kodak, Hitachi, Tektronix and others offer near photographic quality images. The...

...of the amateur photographer.

There are other types of printers, ink jet, color wax thermal **transfer**, color laser and color dry silver printers. These printers (with a cost of a few...) system will provide for rapid retrieval and display of images, consistent image quality, powerful image **manipulation**, access to high quality printing, and support for current and future television formats.

#### The Photo...

...create a Photo CD you have to take your photographs, text and music to a **photofinisher**. Using the Kodak Photo CD Imaging Workstation (PID), the **photofinishing** lab can create your Photo CD. The cost quoted in initial articles on the system was about \$20 for the first 24 images. Although, one **photofinisher** in the Washington, DC area has quoted a price as high as \$1.79 a...

...and rich this system costs just less than \$ 100,000. Clearly designed for the professional **photofinisher**, not yet priced for the amateur photographer.

#### Software

All computers need software to run, and there are many photo retouching, image **editing**, and color painting software packages for the home computer user on the market today. One...

...relatively inexpensive (about \$600) software package allows Macintosh or PC computer users to retouch and **edit** digital images.

The example photo of a U.S. Government building was used as a...

...500) and the Photoshop software. The photograph was scanned into the system as a color **image** at a **low resolution** of 150 dpi. The buildings on the left and right were removed from the picture...

...added. The final image was printed from PageMaker on a Tektronix Phaser II thermal wax **transfer** printer at 150 dpi.

#### The Future

Digital electronic imaging is here to stay. Cameras, scanners...local camera clubs. Bob is a PSA District Representative, the new Mid-Atlantic Zone news **editor** for the PSA Journal. Ron is a PSA Area Representative.

19/3,K/10 (Item 10 from file: 47)  
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03790003 SUPPLIER NUMBER: 12592067 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
True-color image- editing software: darkroom, R.I.P.? (Aldus Corp.'s PhotoStyler 1.1a, Image-In Inc.'s Image-In-Color 3.0 and Image-In-Color Professional 3.0, U-Lead Systems Inc.'s ImagePals, ZSoft Corp.'s PhotoFinish 1.01 and Publisher's Paintbrush 2.02, Micrografx Inc.'s Picture Publisher 3.1 and PixoArts Corp.'s PixoFoto)(includes related articles on rating processes, Editors ' Choice selections and

**performance testing procedures) (Software Review) (overview of eight evaluations of image processing software packages) (Evaluation)**

Simone, Luisa

PC Magazine, v11, n16, p185(22)

Sept 29, 1992

DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 3134 LINE COUNT: 00246

**True-color image- editing software: darkroom, R.I.P.? (Aldus Corp.'s PhotoStyler 1.1a, Image-In Inc.'s...**

**...Image-In-Color Professional 3.0, U-Lead Systems Inc.'s ImagePals, ZSoft Corp.'s PhotoFinish 1.01 and Publisher's Paintbrush 2.02, Micrografx Inc.'s Picture Publisher 3.1 and PixoArts Corp.'s PixoFoto)(includes related articles on rating processes, Editors ' Choice selections and performance testing procedures) (Software Review) (overview of eight evaluations of image processing...**

**...ABSTRACT:** Image-In-Color Professional 3.0, U-Lead Systems' \$249 ImagePals, ZSoft Corp's \$199 **PhotoFinish** 1.01 and \$495 Publisher's Paintbrush 2.02, Micrografx Inc's \$495 Picture Publisher 3.1 and PixoArts Corp's \$895 PixoFoto image processing software packages are evaluated. PhotoStyler, **PhotoFinish** and Picture Publisher all receive **Editors ' Choice** ratings for their powerful image **editing** features.

Image- **editing** software can transform those less-than-optimal scans into perfect pictures. Think of the eight products in this review--Aldus PhotoStyler, Image-In-Color and Image-In-Color Professional, ImagePals, **PhotoFinish** , Publisher's Paintbrush, Picture Publisher, and PixoPhoto--as electronic darkrooms. In traditional photographic darkrooms, artists...

...a selection area or mask, a feature that exponentially increases the flexibility of an image- **editing** package. They include tools--such as airbrushes, cloning, and special-effects filters--to retouch or artistically **enhance** pictures as well as sophisticated filters to adjust a picture's tonal range or color...

...product from this roundup.

At first glance, it may be difficult to distinguish these image- **editing** products from competitors, which include image-processing utility programs as well as high-end paint...

...bitmapped graphics applications, so some overlap is inevitable; and in truth, paint programs and image- **editing** software are more alike than they have ever been.

Mathematica's Tempra Pro, for example...

...the products reviewed here and image-processing utilities are more subtle. HALO Desktop Imager, our **Editors ' Choice** winner when we last reviewed image-processing programs ("Capture and Conversion the Windows Way ...

...a poor scan, nor does it contain editable color/gray maps, which allow you to **edit** a specific tonal range (such as midtones) separately from other ranges (such as highlights and...

...eight products reviewed here target specific audiences through feature set and price. Products such as **PhotoFinish** (\$199), from ZSoft Corp., and ImagePals (\$249), from U-Lead Systems, are clearly intended for...

...advanced programs let you treat the selection area as a mask, meaning that you can **edit** the shape, invert the active area, and export or import masks for future use. Picture...

...marquee as a vector outline, which makes it possible to transform the shape with curve- **editing** tools. And while PhotoStyler uses a bitmapped mask, it is easy to fine-tune a...

...or deleting from the current mask using any of the selection tools. Compare this with **PhotoFinish**, which doesn't allow you to use a selection area as a mask to constrain...

...background.

Often entry-level products trade off some power in favor of convenience. For instance, **PhotoFinish** contains an easy-to-use tinting tool that lets you apply translucent color with a...

...than the current color.

Arbitrarily defining yourself as a power user or as an image- **editing** tyro is a bad way to choose a program. A much more sensible approach starts ...

...of your role as production manager, photographer, or designer. For example, if you see image **editing** as part of the production process, you will want retouching and correction tools. The abilities to analyze the distribution of tonal values via a histogram, directly **edit** color or gray maps, and apply filters like Despeckle or Sharpen that can clean up...

...Aldus Gallery Effects as a plug-in application.

In most cases, you will use image- **editing** programs to prepare your pictures for hard- **copy** output. All of the programs here can **send** files to a laser printer. But if you want bright, clean printouts, look for programs...

...such as Picture Publisher, Image-In-Color Professional, or PixoFoto. These are the only image- **editing** products that provide useful controls for print production--such as under-color removal (UCR), gray...

...power of the test-bed, speed was a major issue. For example, the ZSoft products-- **PhotoFinish** and Publisher's Paintbrush--were so slow that we were forced to drop the resolution...

...Publisher were the only programs in the roundup that could deliver satisfactory performance with several **high - resolution**, 15MB **images** displayed simultaneously. On the whole, however, the Microsoft Windows-based products in this roundup outperformed...

...follow is that you need twice as much memory as the largest image to be **edited**. That means you need large amounts of hard disk space (for virtual memory) in addition...

...programs are especially sensitive to SMARTDRV and swapfile settings.

To judge the performance of image- **editing** software accurately, in terms of both speed and functionality, you must consider programs written for...

...Mac Hegemony").

For years, everyone has been asking the same questions about PC-based image- **editing** software: Will these programs ever totally satisfy quality-conscious production managers? Can automated calibration routines ...

...the definitive answer to these questions, and the answer is yes.

Suitability to Task: Image- **Editing** Software

To test the mettle of these packages, we used them to process three images...

...photograph. In the process, we tinted and altered the background to test the basic image- **manipulation** capabilities, then annotated the image to test the text handling.

The second procedure involved integrating...

...essential first step for photo retouching. You'll also want flexible tonal-adjustment capabilities to **enhance** the highlight, midtone, and shadow areas of an image, and effective global filters (such as...).

...A simple but attractive set of fonts allows you to annotate your images.

For creative **editing**, you'll want at least the same tools as for photo retouching. Beyond the basic...

...robust set of painting tools is essential for those who desire true creative flexibility.

Hard- **copy** output can range from a simple black-and-white printout on a PCL5 printer to packages on the quality of their color separations.

When **editing** a file for electronic output only--for use in an image database or presentation, for example--the abilities to resample down to a smaller resolution, to **compress images** drastically, and to perform various types of palette optimization and color reduction become very important. In addition, image-management and browsing capabilities can be a great help.

**EDITORS' CHOICE**

Aldus PhotoStyler

**PhotoFinish**

Picture Publisher

While three **Editors' Choice** awards out of a field of eight might seem a bit much, each selection...

...PhotoStyler and Micrografx's Picture Publisher are very different products, but both offer powerful image- **editing** tools.

At \$795, PhotoStyler has strong painting and masking capabilities; it is the only product...

...and a moderate cost of \$495, Picture Publisher represents an excellent value.

ZSoft Corp.'s **PhotoFinish** has its flaws--an inability to work with large files, for one--but for \$199...

...with some high-powered tools thrown in for good measure. Once ZSoft adds some of **PhotoFinish**'s functionality to the more expensive Publisher's Paintbrush (\$495), that program may become more...

...to ImagePals, a \$249 product that uncomfortably straddles the worlds of graphics utilities and image **editing**. Although it is probably the weakest of the group for image **editing**, its excellent screen-capture and image-management tools make it a welcome addition to the...

...next version of the product will support a broader range of adapters.

Performance Tests: Image- **Editing** Software

Picture Publisher clearly won for overall speed. But our tests turned out to be...

...fastest of these packages can leave you with plenty of time for lunch breaks during **edit** operations on large images.

HOW WE TESTED

We evaluated these products on Compaq Deskpro 386...

...by 9-inch 300-dot-per-inch scanned image (approximately 12.5MB of image data).

**PhotoFinish** and Publisher's Paintbrush were unable to work with files this large without locking up the machine or taking more than 30 minutes to run.

The Arbitrary Angle **Rotate** test measures the time it takes to **rotate** a selected region 153 degrees. We approximated the angle in Picture Publisher because the package...

...TRADE NAMES: **PhotoFinish** 1.01 (Image processing software

19/3, K/11 (Item 1 from file: 570)  
DIALOG(R)File 570:Gale Group MARS(R)  
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01586780 Supplier Number: 46918369 (USE FORMAT 7 FOR FULLTEXT)

**A photo lab on your desk**

U.S. News & World Report, v121, n21, p104

Nov 25, 1996

ISSN: 0041-5537

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; General Trade

Word Count: 1247

... are billed as "photo-realistic" because they use special ink cartridges and papers to produce **high - resolution** printouts.

While **photos** that are digitally developed and printed at home may not be up to the standards...

...been taken with conventional cameras to you on special CD-ROMs or floppy disks or **upload** your shots to sites on the World Wide Web. Users can **edit** the digital images and then **send** them back to **order** final **prints**

Technophobes, this hobby just might cure your fears forever. The process is surprisingly uncomplicated. You...

...in the fine-tuning that is possible. You can sharpen the focus on fuzzy photos, **crop** awkwardly shot pictures and erase scratches. For casual snapshooters, it's like a trip to...

...stretch and squish photos any which way you please. And losing 10 quick pounds before **sending** a photo of yourself to your alma mater's newsletter has never been easier.

Of...

...programs walk you through step by step, from opening up images you scan in or **download** from the Web to correcting flaws and adding creative flourishes. Once you've applied the finishing touches, you can save your **pictures** either in a **low - resolution** format to post on a personal home page or E-mail to a pal or...

...the image into your computer, where you can open it as a digital file and **edit** it with your chosen personal-imaging software package.

Should you go this route, it's...

...hobby might consider buying a digital camera. Storing pictures in memory, these gadgets let you **transfer** photos directly to your PC. All major camera companies, as well as computer manufacturers Apple...  
...them developed on the Web. For \$2 to \$5 per 24-exposure roll, you can **send** your pictures via mail to PhotoNet (<http://www.photonet.com>), an online network of camera stores; they will be developed, scanned in and **uploaded** to a password-protected Web site. You will be notified via E-mail when they...

...in 24 hours). Within 30 days, you can decide which images you'd like to **download** and touch up using your own software. When you're finished, you can **upload** the **edited** images to PhotoNet, along with **orders** for professional **prints** at a cost of \$6 to \$10 per 24 prints.

Or you can print your...to \$1.50 per printed image. And crafts materials such as T-shirt iron-on **transfers** and fabric sheets run in that range, too. Of course, you don't have to...

...get pictures back instantly. And maybe after that, we'll see a product that stops **red - eye** before it happens.

**19/3, K/12 (Item 1 from file: 471)**  
DIALOG(R)File 471:New York Times Fulltext  
(c) 2006 The New York Times. All rts. reserv.

03982089 NYT Sequence Number: 066834000302 (USE FORMAT 7 FOR FULLTEXT)  
**DOWNTIME; Photo Sites Compete to Offer Choices, Even Photo Cakes**  
ROY FURCHGOTT  
New York Times, Late Edition - Final ED, COL 01, P 12  
Thursday March 2 2000  
DOCUMENT TYPE: Newspaper LANGUAGE: English RECORD TYPE: Fulltext  
SECTION HEADING: SECTG  
Word Count: 1727

(USE FORMAT 7 FOR FULLTEXT)

**ABSTRACT:**

...industry worldwide, is rushing to set up Web sites to develop film or let people **send** photos via e-mail to friends and create virtual albums, or offer some combination of...

**TEXT:**

WHEN Andrea Millrad **sent** a roll of film to Seattle FilmWorks, an Internet-based processor, she didn't know...  
... [www.filmworks.com](http://www.filmworks.com)) into her business. She views clients' photos online, with the option of **ordering** **prints** herself or simply **downloading** them into her computer for use later.

There is a land rush of sorts among...

...now there are more than 115 sites set up to develop film or let people **send** photos via e-mail to friends and create virtual albums, or to offer some combination...

...developing film and making prints and digital images to allowing customers to store, share and **edit** photos. Some sites can even put your pictures on products like T-shirts or cookies...

...additional set of 25 shots is \$4.95.

A customer can share digital photos by **sending** single images by e-mail or **sending** links that will take the recipient to a whole folder of

photos. **Prints ordered** over the Web and mailed to the customer cost 99 cents for a 4-by...

...print. Shipping charges are \$2.95 per film order. Fuji expects to allow customers to **upload** and store their own digital images on fujifilm's Web site around the end of...

...online free and can buy additional storage at \$1.49 for each block of 30 **images**. **Low - resolution** digital **images** can be **downloaded** free, but **downloading** a high-resolution version costs \$1.

People who are not AOL members can find virtually...

...30 days) through Kodak's PhotoNet.com (www.photonet.com). It allows a customer to **upload** and store digital images, but imposes the same \$5.95 fee it charges for developing a roll itself.

In general, **photo - sharing** sites allow you to create a password that you can **send** to friends or family so only they can see your online photos. But look into...

...unless otherwise instructed. And anyone who can see one of your pictures can order a **copy**.

If you own a digital camera or a scanner and do not need photo developing, try **uploading** -only sites, like Shutterfly.com (www.shutterfly.com) and Zing (www.zing.com). These sites, like all photo sites that offer **uploading**, say that it is easy to **send** them your own digital images. How easy it is may depend on how well their...

...easy a site is to use is to try it out.

The quality of the **prints ordered** online will rely partly on the resolution and quality of your camera and partly on...

...one made from regular film, though others have found inconsistent results at some sites.

A **low - resolution** **image** can produce a decent 3-by-4-inch print, a medium-resolution image can be good at 5 by 7, and a **high - resolution** **image** will probably work for sizes up to 8 by 10. Most of the Web sites...

...offers unlimited free storage with no time limit. The site also lets users do simple **editing** of images. Pictures can be rotated, **cropped** and corrected for brightness or color. Zing says it will soon add a special-effect...

...will make a photo look like a painting. (Anyone who wants to do extensive photo **editing**, however, would do well to purchase a full program, like those from Adobe or Corel...)

...aim to attract photographers of all stripes by both handling film finishing and letting customers **upload** images.

PhotoWorks charges \$12.25 (plus \$1.49 shipping per order) to develop up to 36 exposures for 3-by-5 prints, post medium-resolution images online and **send** you a replacement roll of film (www.photoworks.com). The film is mailed to PhotoWorks...

...least one print every six months. For an additional \$4.95, the company will put **high - resolution** **images** on a CD that is mailed to the customer and post them on the Web as well for free **downloading** for 15 days. Digital **uploading** and storage is free. Prints are 25 cents each for either 3-by-5's...

...6's, and 8-by-10's are \$1.95 apiece, plus shipping.

PhotoWorks provides **uploading** software that includes a function to

remove **red eye**. More advanced **editing** functions are available free on **downloadable** software.

Club Photo, which offers film developing through a company it recently purchased, Signature Color...

...for 24 3-by-5 prints to \$13.95 for 36 5-by-7 prints. **Uploading** digital images is free, and the company says that storage space is free, unlimited and...

...can set up a slide show. It also offers Photo to Go, which lets you **download** pictures to a Palm or Handspring personal digital assistant so you can present a tiny...

...99 cents for a 5 by 7 and \$2.99 for an 8 by 10. **Uploading** digital images is free, and the company says its storage is unlimited, permanent and free. Ofoto also offers free software, called Ofoto Now, for **editing**. It lets users remove **red eye** and **crop** and lighten images.

Many of the photo sites offer a cornucopia of goods that can...

19/3, K/13 (Item 1 from file: 702)  
DIALOG(R) File 702: Miami Herald  
(c) 2006 The Miami Herald Publishing Co. All rts. reserv.

09341147

**THE VERY LATEST ELECTRONIC GEAR FOR AFICIONADOS COMPUTERS, CAMERAS, VIDEO PHONES LEAD THE LIST IN HIGH-TECH GOODIES**

Miami Herald (MH) - Sunday, December 7, 1997

By: ROY BASSAVE Herald Staff Writer

Edition: Final Section: Home Page: 8H

Word Count: 1,966

TEXT:

...for that discriminating person on your list?

The home electronics industry is sizzling. Dealers have **ordered** \$72.7 billion in **goods** this year, up from \$68.4 billion last year, according to the Consumer Electronic Manufacturers...

... cards or internal memory chips like other digital cameras. Each floppy holds up to 40 **low-resolution** **images** or 20 **high-resolution** ones. The on-screen and printed-picture quality is good, depending on light source and weather conditions. Other features include an extra-large 2.5-inch LCD screen, 10X **zoom**, 640 by 480 resolution, and excellent controls.

Price: \$800. Information: Call 1 (800) 222-SONY...

...projector to feature full DVD compatibility and 3D/YC digital circuitry; it also has a **zoom** function and can project in such wide-screen formats as 4:3, 16:9 and...

... a 13.8-inch desktop screen. All are perfect for the graphic artist or video **editor** who needs the best tools, and can afford them.

Prices: LCD1400, \$2,699; LCD2000, \$7...

... you make video phone calls from your PC, plus take video snapshots that can be **sent** by e-mail or put into any word document. Super-clear video makes a great... of high-end fixed hard-disk systems. Good for for DVD mastering, photo archiving, film **editing** and more.

Price: \$599 with one 4.7-gigabyte cartridge; additional cartridges cost \$199. Information...

... speaker/receiver unit, an 18-hour rechargeable battery, a battery charger/AC adapter and a **transmitter**.

Optional add-on speaker/receiver units (W412) and batteries (W411) are available. One **transmitter** can **send** to an unlimited number of speakers.

Price: \$279.99. Information: 1 (800) 732-6866, 8 a.m. to midnight; on the Web at (<http://www.recoton.com>).

\* Video **editors**. **Edit** those miles of 8mm home videotapes. Videonics offer the Thumbs UPeditor, which remembers up to 40 sections for quick one-step **editing**. For higher-tech types, the Home Video Producer combines the functions of a video **editor**, titler and graphics-and-special-effects generator.

Price: Thumbs UP: \$199; Home Video Producer: \$329. Information: Call 1 (800) 338-**EDIT** (3348) or on the Web at <http://www.videonics.com>.

\* Color printers. Canon's BJC...

Set        Items        Description  
 S1        8421662      IMAGE? ? OR PICTURE? ? OR PHOTO OR PHOTOS OR PHOTOGRAPH? ?  
                   OR JPG OR JPEG  
 S2        4720691      TRANSMIT? OR TRANSFER? OR SEND??? OR SENT OR UPLOAD? OR DO-  
                   WNLOAD? OR COPY???  
 S3        114141        (LOW OR LOWER) () (RES OR RESOLUTION) OR COMPRESS? OR (FEWER  
                   OR LESS OR 320 OR 240 OR 200 OR 150 OR 256) (2N) (PIXEL? OR ME-  
                   GAPIXEL?)  
 S4        2934912      MANIPULAT? OR EDIT??? OR CROP??? OR RED() EYE OR REDEYE OR -  
                   ADD() (BORDER? OR TITLE?) OR ENHANCE OR ROTATE OR ZOOM OR TRIM  
 S5        29523        (HIGH OR HIGHER OR 1600 OR 1200 OR 3072 OR 2048) (2N) (RES OR  
                   RESOLUTION OR PIXEL? OR MEGAPIXEL?)  
 S6        62789        PHOTOFINISH? OR PHOTO() SHARING OR (PHOTOSERVICE OR PHOTO() -  
                   SERVICE) () PROVIDER? OR (ORDER??? OR BUY OR BUYING OR PURCHASES? -  
                   ) (4N) (PRINTS OR IMPRINT? OR ENLARGEMENT? ? OR GOODS)  
 S7        4544        S3 (3N) S1  
 S8        6410        S5 (3N) S1  
 S9        409        S2 (7N) S7  
 S10      130        S9 (4S) S4  
 S11      24        S10 (4S) S8  
 S12      18        S11 NOT PY>2000  
 S13      18        RD (unique items)  
 File 47:Gale Group Magazine DB(TM) 1959-2006/May 26  
       (c) 2006 The Gale group  
 File 570:Gale Group MARS(R) 1984-2006/May 25  
       (c) 2006 The Gale Group  
 File 635:Business Dateline(R) 1985-2006/May 26  
       (c) 2006 ProQuest Info&Learning  
 File 476:Financial Times Fulltext 1982-2006/May 27  
       (c) 2006 Financial Times Ltd  
 File 477:Irish Times 1999-2006/May 26  
       (c) 2006 Irish Times  
 File 710:Times/Sun.Times(London) Jun 1988-2006/May 26  
       (c) 2006 Times Newspapers  
 File 711:Independent(London) Sep 1988-2006/May 26  
       (c) 2006 Newspaper Publ. PLC  
 File 756:Daily/Sunday Telegraph 2000-2006/May 26  
       (c) 2006 Telegraph Group  
 File 757:Mirror Publications/Independent Newspapers 2000-2006/May 26  
       (c) 2006  
 File 387:The Denver Post 1994-2006/May 25  
       (c) 2006 Denver Post  
 File 471:New York Times Fulltext 1980-2006/May 26  
       (c) 2006 The New York Times  
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06  
       (c) 2002 Phoenix Newspapers  
 File 494:St LouisPost-Dispatch 1988-2006/May 25  
       (c) 2006 St Louis Post-Dispatch  
 File 631:Boston Globe 1980-2006/May 25  
       (c) 2006 Boston Globe  
 File 633:Phil.Inquirer 1983-2006/May 24  
       (c) 2006 Philadelphia Newspapers Inc  
 File 638:Newsday/New York Newsday 1987-2006/May 25  
       (c) 2006 Newsday Inc.  
 File 640:San Francisco Chronicle 1988-2006/May 26  
       (c) 2006 Chronicle Publ. Co.  
 File 641:Rocky Mountain News Jun 1989-2006/May 26  
       (c) 2006 Scripps Howard News  
 File 702:Miami Herald 1983-2006/May 24  
       (c) 2006 The Miami Herald Publishing Co.  
 File 703:USA Today 1989-2006/May 25

(c) 2006 USA Today  
File 704:(Portland)The Oregonian 1989-2006/May 25  
(c) 2006 The Oregonian  
File 713:Atlanta J/Const. 1989-2006/May 26  
(c) 2006 Atlanta Newspapers  
File 714:(Baltimore) The Sun 1990-2006/May 26  
(c) 2006 Baltimore Sun  
File 715:Christian Sci.Mon. 1989-2006/May 25  
(c) 2006 Christian Science Monitor  
File 725:(Cleveland)Plain Dealer Aug 1991-2006/May 25  
(c) 2006 The Plain Dealer  
File 735:St. Petersburg Times 1989- 2006/May 25  
(c) 2006 St. Petersburg Times

13/3,K/1 (Item 1 from file: 47)  
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05842838 SUPPLIER NUMBER: 63124918 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Virtual Biodiversity Assessment Systems.**  
OLIVER, IAN; PIK, ANTHONY; BRITTON, DAVID; DANGERFIELD, J. MARK; COLWELL, ROBERT K.; BEATTIE, ANDREW J.  
BioScience, 50, 5, 441  
May, 2000  
ISSN: 0006-3568 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 6457 LINE COUNT: 00563

... Instruments 1999, Olympus 1999). Digital cameras do not need a separate framegrabber and generally capture **images** of **higher resolution** than video-rate cameras (see Moomaw 1998). The current drawbacks of digital cameras are that...

...monitor at a sufficient rate. Consequently, composing, focusing, and illuminating the specimen may be difficult. **High - resolution images** (1000 x 1000 pixels or more) result in large files that are slower to transmit...

...monitors, making them of limited use to an online invertebrate identification network. Future developments in **image compression** and **transfer** and in digital camera technology will undoubtedly lead to the replacement of video-rate...

...and data transfer rates, suggests a future in which end users will be able to **manipulate** high-definition, three-dimensional images of virtual reference specimens downloaded from multiple virtual reference collections  
...

13/3,K/2 (Item 2 from file: 47)  
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05826017 SUPPLIER NUMBER: 62751223 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**HD production: HD storage servers.**  
Romine, Chris  
Broadcast Engineering, NA  
May, 2000  
ISSN: 0007-1994 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 1330 LINE COUNT: 00113

... as support for multiple HD and SD formats, fast computer interfaces, synchronized audio, frame-accurate **edit** capability and full bandwidth RGB (4:4:4 or 22:22:22) performance are available...

...require film transfer and grading, paint and effects work in the graphics department and online **edit** and compositing prior to print or distribution. At this time, no efficient method exists for...

...be maintained if the images were transferred and stored in an RGB data format. Moving **high - resolution images** in data form around a facility has been slow and expensive. An argument for **compressed images** has been **transfer speed**. A proposal currently before SMPTE, and supported by manufacturers such as Cintel, Philips, Discreet...  
...storage is usually inappropriate during content creation, acquisition or

transfer, paint and effects work or **editing** /compositing. Mildly compressed storage (HDCAM, HD D5) works well for camcorder acquisition and some transfer...

...the material that an uncompressed video server does. Paint and effects, film restoration and online **editing** and compositing projects may prefer to work more efficiently with uncompressed material.

Typical workflow models...

...directly or through a color correction system. The server has the ability to then transfer **high - resolution images** to a workstation ... archive or offline storage between project phases. The workstation processes selected images for paint, compositing, **editing** and/or restoration. In more efficient installations, the server has built-in VTR **edit** capability and the ability to play out multiple formats without reloading the material, as well...

**13/3, K/3 (Item 3 from file: 47)**  
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05373121 SUPPLIER NUMBER: 54704122 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**New Digital Cameras Deliver Mega-Shots. (from Nikon, Olympus) (Hardware**

**Review) (Evaluation)**

Aquino, Grace  
PC World, 17, 6, 106  
June, 1999  
DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 711 LINE COUNT: 00058

... C-2000 Zoom feature 2- megapixel resolution, which means that they allow you to capture **photographs** of up to **1600** by **1200 resolution**. (Okay, so that translates to only 1.92 million pixels, but that is still a ...

...out slightly superior.

**BIG-SHOT FEATURES**

Both cameras include your basic optical viewfinder, 3X optical **zoom** lens (Nikon's also rotates so you can take photos at various angles), and a ...

...ones you don't like and save precious storage space. In addition, the C-2000 **zoom** can magnify an image up to three times so you can examine its details right...

...batteries. But expect shorter battery life if you use the LCD often, especially for viewing **high - res photos**. Olympus offers rechargeable NiMH batteries--which last longer than alkalines-- and a recharger, for free until July 31 (\$50 thereafter).

The Nikon's 8MB CompactFlash card holds 8 uncompressed **photos** captured at **1600** by **1200 resolution**, or up to 199 compressed 640 by 480 images. The Olympus's 8MB SmartMedia card holds up to 122 **compressed** 640 by 480 **images**.

You can **transfer** images to your PC's hard disk via serial cable, but that process takes a...

...PC Card slot or plugs into a parallel or Universal Serial Bus port.

You can **edit** or stitch photographs together to create a panoramic image using each camera's bundled apps: The C-2000 **Zoom** comes with Adobe

PhotoDeluxe and Enroute's QuickStitch; Nikon ships with PictureWorks HotShots and Interactive...

**13/3,K/4 (Item 4 from file: 47)**  
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05243140 SUPPLIER NUMBER: 21205934 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Megapixel on the Cheap.(Toshiba PDR-M1) (Software Review)(Evaluation)**  
Brown, Bruce  
PC Magazine, v17, n18, p68(1)  
Oct 20, 1998  
DOCUMENT TYPE: Evaluation ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 504 LINE COUNT: 00040

... white balance, brightness, flash power, and shutter speed. The PDR-M1 has a 2X digital **zoom** and a macro mode for subjects between 3.5 to 20 inches from the camera...

...interior shots. You can expect the 4MB media card to store from 6 to 8 **high - resolution images** and up to 80 **images** in **low resolution** with **high compression** .

You can **download images** to a PC via the included serial cable or to a television or monitor with...

...card and the PC .

The PDR-M1 comes with two Sierra Imaging applications. Image Expert **edits** photos and captures and organizes audio files, and Camio displays images on the PC in...

...graphic so you can select and transfer them to Image Expert or to other photo- **editing** applications.

If you want a relatively inexpensive and compact digital camera with megapixel image-capture...

**13/3,K/5 (Item 5 from file: 47)**  
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04692057 SUPPLIER NUMBER: 19134605 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Cheap shots. (reviews of 10 digital cameras) (includes related articles on Olympus D-200L and Epson PhotoPC cameras, eight more digital cameras being developed) (includes related product-comparison chart) (Hardware Review)(Evaluation)**  
Jantz, Richard  
PC World, v15, n3, p145(9)  
March, 1997  
DOCUMENT TYPE: Evaluation ISSN: 0737-8939 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 4317 LINE COUNT: 00313

... use, and relatively light (11 ounces). Its 2MB of memory stores from 9 to 38 **high -resolution** (768 by 576) **pictures** , depending on which **compression** level you choose. You can **send** images to video, stamp dates on pictures, and even record sound bites. The camera's...

13/3,K/6 (Item 6 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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04612894 SUPPLIER NUMBER: 18791118 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Web photo finish: new online services for shutterbugs. (Microsoft's Picture It and Live Picture's LivePix software for handling photos on the Internet; Newcomer Picture Vision PhotoNet Internet service) (Trends) (Internet/Web/Online Service Information)  
Levin, Carol; Rupley, Sebastian  
PC Magazine, v15, n19, p31(1)  
Nov 5, 1996  
ISSN: 0888-8507 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 694 LINE COUNT: 00055

... a slew of new technologies for Web users who want to send, download, and print **high - resolution photos**. From big companies, such as Microsoft, Kodak, and Hewlett-Packard, to smaller players, such as...

...It software is an under-\$80 package for home PC users who want to scan, **edit**, print, and share photos over the Web. Picture It will feature a link to a...

...with Kodak's digital photography division.

You'll be able to take photos you've **edited** in Picture It and send them over the Web to Kodak after choosing from a...

...an image as a hierarchy of versions at different resolutions, making large images easier to **edit**, transmit, and print. For example, you can send a **photograph** shot at **low resolution** over the Internet to a friend, who can download, **edit**, and print the **image** at a **higher resolution**.

LivePix, a similar package from Live Picture--which is headed by former Apple chief John...

13/3,K/7 (Item 7 from file: 47)  
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04562522 SUPPLIER NUMBER: 18589925  
Many images, one file: Kodak, HP, and Microsoft back a new graphics format. (the FlashPix graphics file format)(Trends) (Company Business and Marketing) (Brief Article)  
Rupley, Sebastian  
PC Magazine, v15, n15, p34(1)  
Sep 10, 1996  
DOCUMENT TYPE: Brief Article ISSN: 0888-8507 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 366 LINE COUNT: 00033

... property is its support of multiple resolutions within one file. A FlashPix file contains a **high - resolution** version of an **image**, plus a hierarchy of many lower-resolution copies. The implications for Web graphics are significant. For example, a browser user might point to a **picture** and **download** a **low - resolution** version, but later print the **image** at a **higher resolution**.

The FlashPix architecture has implications for image storage as well. For example, you can link image **edits** to an original image file but store those actual **edits** separately. Thus, the need to store multiple

iterations of a whole image file could be...

**13/3,K/8 (Item 8 from file: 47)**  
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04229044 SUPPLIER NUMBER: 16862318 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Editors' picks 1995. (61 hottest products for 1995) (Cover Story) (Directory)**  
Home Office Computing, v13, n1, p55(9)  
Jan, 1995  
DOCUMENT TYPE: Directory ISSN: 0899-7373 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 7643 LINE COUNT: 00595

... of PostScript fonts and clip art. \$595; Adobe, (415) 961-4400,  
(800) 833-6687.

**IMAGE EDITING**

Picture Publisher 5.0 For Windows  
It's the old Windows standby, but Picture Publisher...

...memory is a concern, the Low-Rez Post Processing feature lets you work on a **low - resolution** copy of your **image**, and all of the changes can then be applied to the **high - resolution** **image**. **Picture** Publisher is strong enough for professionals and easy enough for novices. \$595; Micrografx, (214) 234...

...package still carries a "for professionals only" tag, Photoshop remains the choice for demanding image **editing** tasks. The package now supports multiple layers, includes several new effects filters, and offers selective ...

...color palette. These features, along with color-separation capabilities and image-enhancement filters, make image **editing** work the way it ought to. \$895; Adobe, (415) 961-4400, (800) 833-6687.

**PRESENTATION...**

**13/3,K/9 (Item 9 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03797861 SUPPLIER NUMBER: 12770485 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The end of the television era? (new technology to replace television)**  
**(includes related article) (Cover Story)**  
Gilder, George  
Consumers' Research Magazine, v75, n10, p11(6)  
Oct, 1992  
CODEN: CBBPBE DOCUMENT TYPE: Cover Story ISSN: 0095-2222  
LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 4706 LINE COUNT: 00373

... shift from analog to digital signals in all media, from phones to newspapers.

Hostile to **editing** and **manipulation**, every analog signal is different from every other. Using them, the Japanese have created an...

...homogeneous bits and bytes, on-off codes that can be easily stored, compressed, error-corrected, **edited**, and **manipulated**. Rather than incompatible, single-purpose functions, digital signals foster the rich

interactive and relatively open...

...Europe's Eureka project--still believe that the most important coming advance in TV is **higher resolution images**. But **high** definition represents a trivial advance compared to this changeover to all digital telecomputers.

Digital video...

...anywhere to tap into any station or newspaper), to overcome the limits of bandwidth (by **compressing** the **images** and **sending** them in "burst mode"), to surmount the regimen of rigid standards (by converting the content...

**13/3,K/10 (Item 10 from file: 47)**  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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03617723 SUPPLIER NUMBER: 11305041 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Fractal-based compression products debut. (Iterated Systems Inc. introduces POEM Fractal Formatter and POEM Fractal Compress) (Product Announcement)**  
Schroeder, Erica  
PC Week, v8, n38, p33(2)  
Sept 23, 1991  
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE:  
ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 577 LINE COUNT: 00046

... that use fractal technology and the fractal image format (FIF): POEM Fractal Formatter, an image **editor** and clip art library, and POEM Fractal Compress, an image-compression utility.

Fractals are mathematical...

...A user can compress an image into a FIF file and decompress it at a **higher resolution** than the original **image**. FIF also allows users to display an image at screen resolution but print it at...

...work." Maxey said he can compress a 768K-byte image to 10K bytes using fractal **image compression**, which reduces the time required to **download** images from on-line services. "Our users can download a 256-color picture at 9...

...seconds," he said. "With other technology it might take you up to five minutes [to **download** the same **image**]."

Initially, fractal **image compression** will prove most valuable to desktop publishers and multimedia users, according to analysts.  
"Compression technology..."

**13/3,K/11 (Item 11 from file: 47)**  
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03402956 SUPPLIER NUMBER: 09093335 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Prepress makes a giant leap at DRUPA. (World Print and Paper Exposition)(includes related article on new 'print-on-demand' equipment from Siemens Corp.)**  
Hunter, Margaret L.  
Publishers Weekly, v237, n24, p45(3)  
June 15, 1990

CODEN: PWEEA      ISSN: 0000-0019      LANGUAGE: ENGLISH      RECORD TYPE:  
    FULLTEXT  
WORD COUNT: 2426    LINE COUNT: 00195

... Kodak's new Prophecy color system accepts scanned images in any PostScript format and allows **high - resolution image editing** and retouching. It can also **download low - resolution images** to a Macintosh using any of the standard page-makeup software products. Output is to...

...desktop color systems," LinoColor can combine text and photos into complete page layouts, but also **manipulates** high-resolution color data in real time, displayed at 24 bits. A RISC coprocessor and...  
...30, speeding output (see sidebar).

Agfa-Gaevort introduced PIX, a PostScript-based, color-retouching, image- **manipulation** and separation system that works with **high - resolution images**. **Images** can be scanned on the new Agfa CG ACS100, **manipulated** on PIX, sent to Catalyst, Agfa's new composition and page-layout system, and output...

...the First page-makeup console and the Dolev imagesetter. Designed for electronic page makeup, color **editing** and plate-ready film generation, it costs 600,000 DM, or roughly \$375,000.

On...

**13/3,K/12 (Item 12 from file: 47)**  
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02880142      SUPPLIER NUMBER: 04436604      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Breaking the mold; creative software solutions. (customizing off-the-shelf software; includes article on Javelin and Paradox software) (buyers guide)**  
Rothfeder, Jeffrey; Lewis, Janet  
PC Magazine, v5, p175(7)  
July, 1986  
DOCUMENT TYPE: buyers guide      LANGUAGE: ENGLISH      RECORD TYPE:  
    FULLTEXT  
WORD COUNT: 3970    LINE COUNT: 00302

... the software lacked such important advanced features as on-screen icons and the ability to **rotate** and flip the image and the color card's resolution was far too low for...

...the Graphics Master 600 by 400 16-color adapter from Tecmar. But to facilitate the **transfer** of the low- **resolution image** into the **high - resolution** hardware and software environment, Kuklinski had to write a short program.

"Dr. Halo II is...computer-aided design (CAD) software. With CAD power at his fingertips, he was able to **zoom** in or enlarge different portions of the drawing, analyze them, and convert them before printing..."

**13/3,K/13 (Item 1 from file: 570)**  
DIALOG(R)File 570:Gale Group MARS(R)  
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01173489      Supplier Number: 41899966      (USE FORMAT 7 FOR FULLTEXT)  
**Speedy Photos Are Superbowl Surprise**

NewsInc, v0, n0, pS1  
March, 1991  
ISSN: 1043-7452  
Language: English Record Type: Fulltext Abstract  
Document Type: Magazine/Journal; Trade  
Word Count: 552

... a success.

"We were amazed. We lost nothing," says Jeff Schamberry, Newsday's deputy photo **editor**, referring to the compression/decompression process. Photos were scanned with Nikon equipment and then compressed...

...excellent, and the photos reproduced well, too," says Roger Strong, an assistant to the technology **editor** at the New York Times. Minor glitches will be ironed out as the process becomes...

...to transmit photos to Presslink, its electronic bulletin board, says Tom Priddy, Presslink's managing **editor**.

Once the photos were loaded onto the board, participating newspapers could access the board for a listing of available **pictures** and **download** **low - resolution** versions to determine which they wanted. The **high - resolution** **images** were not decompressed until after they had been selected and downloaded.

"I was really uncertain...

...pleasantly surprised on both counts, he says. The compression worked well, and the participating photo **editors** proved adept at converting Macs into temporary picture desks.

The only complaints from participants, Priddy...

...from," he says. The next step, he says, will be to add seasoned photographers and **editors**.

From a technological point of view, the experiment was "ridiculously easy" to set up and...

13/3, K/14 (Item 1 from file: 635)  
DIALOG(R) File 635:Business Dateline(R)  
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0827219 97-87529  
**Live Picture Corp. acquires OLiVR Corp.**  
Shandera, Cindi  
Business Wire (San Francisco, CA, US) p1  
PUBL DATE: 970714  
WORD COUNT: 1,227  
DATELINE: Scotts Valley, CA, US, Pacific

TEXT:

...by Live Picture in collaboration with Hewlett-Packard, Kodak, and Microsoft, lets users pan and **zoom** in on images without pixelation, and the Internet Imaging Protocol, co-developed by Live Picture, Hewlett-Packard, and Kodak, complements OLiVR's ability to deliver **high - resolution** **images** quickly and economically across networks. Together, Live Picture and OLiVR can capitalize on the Internet...

...and Microsoft's NetShow. OLiVR's unique components include:

-- Progressive rendering: Enables user control of **compression**

parameters that impact **image** quality at selected **download** stages. Initially, the user receives a **low - resolution** version of the **image** and can click areas to view successively higher resolution segments. As downloading progresses in the...

...Allows much higher compression ratios than JPEG without sacrificing the sharp, crisp quality required of **high - resolution images**. Supports third-party codecs and allows for greater image storage and faster transmission across networks...

**13/3,K/15 (Item 2 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
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0735537 96-94052  
**MediaWay announces first managed access to image libraries over the world wide web**  
Fields, Stacey  
PR Newswire (New York, NY, US) p1  
PUBL DATE: 960910  
WORD COUNT: 1,019  
DATELINE: Santa Clara, CA, US, Pacific

TEXT:

...efficiently we have chosen MediaWay's MediaAssets software because it is expressly designed for storage, **manipulation** and inspection of multimedia data. Its client-server implementation supports the Macintosh and Windows clients...

...over the Web to locate images that meet their criteria.

Once users locate their desired **images**, they can **download low resolution** versions for placement in documents and layouts. Further, users can send messages containing image thumbnails...  
...recipient can directly access the original image to, for example, write a CD containing the **high resolution** version of the **image**.

Simplified QuarkXPress Layout Management

Users frequently want to locate images based on where they have...

...and out of the system in a single step. Users can automatically switch between the **high** and low **resolution** versions of the **images**: the XPress documents can be **edited** using low resolution images, and then the completed documents checked out of the system with **high resolution images** to go to production.

Automated Archiving and Retrieval

MediaAssets 1.5 introduces sophisticated capabilities to...

**13/3,K/16 (Item 3 from file: 635)**  
DIALOG(R)File 635:Business Dateline(R)  
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0243698 91-67638  
**Tax Incentives Help Lure New, Larger Businesses**

Lane, Hilary  
Boulder County Business Report (Boulder, CO, US), V10 N10 s2 p4  
PUBL DATE: 911000  
WORD COUNT: 1,424  
DATELINE: Longmont, CO, US

TEXT:

...Technologies' 13 employees develop and manufacture a software-driven product called FilmFAX, which accurately transmits **high - resolution** radiographic **images** over standard phone lines, such as X-rays, CAT scans, MRIs (Magnetic Resolution Imagings) and...

...CAT scan is placed on a digital scanner that has a touch-screen menu. The **images** are scanned, digitized, **compressed** and **sent** through phone lines as you would send a standard fax." FilmFAX is used by small...

...and by rural, remote hospitals throughout the world.

Plunkett asserts that Discovery Technologies' latest ventures **enhance** FilmFAX so that data and images can be transmitted over multiple phone lines.

Plunkett notes...

13/3, K/17 (Item 4 from file: 635)  
DIALOG(R) File 635:Business Dateline(R)  
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0170602 90-54106  
**SuperMac Announces SuperSqueeze Image-Compression Software Free With Graphics Cards and Storage Systems**  
Delamare, Jennifer; Bonomi, Mauro  
Business Wire (San Francisco, CA, US) s1 p1  
PUBL DATE: 901003  
WORD COUNT: 319  
DATELINE: San Jose, CA, US

TEXT:

...no perceived visual loss, thus freeing up valuable disk space.

For example, a 24-bit, **high - resolution** scanned **image** could be 24 megabytes before compression. With SuperSqueeze, the same image might only require one...

...users of impeccable image quality due to its support of the Joint Photographic Experts Group ( **JPEG** ) standard for **image compression** . **JPEG** guarantees high **image** quality at high **compression** rates and allows users to **transfer** and exchange files with other JPEG systems. C-Cube Microsystems is the leading developer of...

13/3, K/18 (Item 1 from file: 714)  
DIALOG(R) File 714:(Baltimore) The Sun  
(c) 2006 Baltimore Sun. All rts. reserv.

10116103  
**Edit photos for sake of better e-mail**  
THE BALTIMORE SUN (BS) - Monday April 26, 1999

Edition: FINAL  
Section: PLUGGED IN  
Page: 1C  
{GRAPH SOURCE}

@B  
Mike  
Himowitz

Word Count: 987

...too large to be viewed without scrolling.

There are good reasons for storing and sending **high - resolution images** like these -- you or your correspondent may want to print high-quality images. But for...

...point of most e-mail attachments -- a smaller image is better.

I typically use photo- **editing** software to reduce a photo from my camera to half its original size or less...

...or less.

The second issue is the format in which the picture is stored. Photo- **editing** software will usually save a picture from a digital camera or scanner in an **uncompressed**...

...up a lot of disk space and download time.

For e-mail use, save a **copy** of your **photo** in the **compressed** **JPG** format, which throws away some of the information, but not enough to be noticed on...